VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 126/2014-15 DATE: 23/07/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Residential Cum Commercial Building No.3 (Wing G&H) on Nilemore Group Housing Scheme at Village ; NIlemore, Tal- Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1595/2014, Date:02/07/2014
2. An Application received from M/s –Sanat Mehta & Associates . Date 01/07/2014.
3. Built up area certificate received from M/s- Sanat Mehta & Associates. Date 01/07/2014
4. Revised D.P.. Issued by VVCMC/TP/RDP/VP- 111/0302-4/2013-14, Dated:16/12/2013
5. Gross built up area as per given submitted statement by an consultant 6310.39 sq.mtrs. accordingly capitation & scrutiny fees of Rs.25,00,000/- vide Receipt No.255214, Date:26/07/2012

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Residential Cum Commercial Building No.3 (Wing G&H) on Nilemore Group Housing Scheme at Village ; NIlemore, Tal- Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 7 upper floor to the height of 23.90 meters as per the plans details. This NOC is valid subject to fulfillment of the following conditions.

Maharashtra Fire Prevention and Life Safety Measures Act,2006. The applicant (Developer, Owner, Occupier by whatever name called) shall comply with are the Fire & Life safety Measures adhesive to National Building Code-2005.

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1.Two staircase is provided for the proposed building one staircase with the width of 1.2 meter & one staircase is provided with the width of 1.5 meters.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Wet riser cum Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 6 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

10. Observations of Refuge Area-

Refuge area for proposed Building No.3 wing G&H Is provided on 5th floor.

11. Suggestions for Refuge Area-

Refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGAED Dist. Thane

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

CIPAL CORPORATION RE AED Thane.

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 127/2014-15 DATE: 23/07/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Residential & Commercial Building No.6 Phase – I, sector-III, Wing A,B, & C of village- Nilemore , Tal- Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1170/2014 Dated-10/06/2014
2. An Application received from M/s . Sanat Mehta & Associates. Dated–03/12/2013.
3. Built up area certificate received from Sanat Mehta & Associates. Dated–03/12/2013.
4. Revised D.P. Issued by VVCMC No. VVCMC/TP/RDP/VP- 111/0302-8/2013-14, Dated:- 16/12/2013
5. Gross built up area as per given submitted statement by an consultant–6972.51 sq.mtrs. difference amount of capitation & scrutiny fees of Rs.- 2,70,000/- vide Receipt No - 255214, Dated:- 26/07/2012.

Dear Sir,

M/s Sanat Mehta & Associates of the project has submitted the proposal for construction of rise **Residential & Commercial Building No.6 Phase – I, sector-III, Wing A,B, & C of village- Nilemore , Tal- Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 9 upper floor to the height of 29.60 meters as per the plans details. This NOC is valid subject to fulfillment of the following conditions.

Maharashtra Fire Prevention and Life Safety Measures Act,2006. The applicant (Developer, Owner, Occupier by whatever name called) shall comply with are the Fire & Life safety Measures adhesive to National Building Code-2005.

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building in each wing one staircase with the width of 1.5 meter & one staircase is provided with the width of 1.5 meters.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for each wing in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

. ire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. ,also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 150 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 6 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical main Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

15. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Observations of Refuge Area-

Refuge area for proposed Building No.6 wing A,B&C Is provided on 5th & 8th floor.

19. Suggestions for Refuge Area-

Refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION ★ FIRE BRIGAED ★ Dist. Thane.

23/7/2019

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

IPAL CORPORATION ★ RE AED Thane.

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 128/2014-15 DATE: 23/07/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Building No.4, Phase-I, Sector-IV, (Wing A,B & C) Of village: Nilemore, Tal- Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1601/2014, Dated: 02/07/2014.
2. An Application received from M/s Sanat Mehata & Associates Consultant. Dated: 01/07/2014.
3. Built up area certificate received from M/s Sanat Mehata & Associates Consultant. Dated: 01/07/2014.
4. Revised C.C. Issued by VVCMC No. VVCMC/TP/RDP/VP- 0111/0302-23/2013-14, Dated: 16/12/2013.
5. Gross built up area as per given submitted statement by an consultant 2567.31 sq.mtrs. accordingly capitation & scrutiny fees of Rs.3,60,000 /-vide Receipt No-169221, Date 01/03/2014.

Dear Sir,

M/s **Sanat Mehata & Associates** Consultant of the project has submitted the proposal for construction of rise **Residential Building No.4, Phase-I, Sector-IV, (Wing A,B & C) (G+7) Of village: Nilemore, Tal- Vasai, Dist- Thane.**

The entire structure consists of **Ground floor + 7** upper floor to the height of **23.90** meters as per the plans details. This NOC is valid subject to fulfillment of the following conditions.

Maharashtra Fire Prevention and Life Safety Measures Act,2006. The applicant (Developer, Owner, Occupier by whatever name called) shall comply with are the Fire & Life safety Measures adhering to National Building Code-2005.

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1.Three staircase is provided for the proposed building with the width of 1.5 meter .all three wings interconnected on each floor by passage.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 5 Lifts provided for wing A,B &C in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including basement fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. ,also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single nydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 25,000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

10. Observations of Refuge Area-

Refuge area for proposed Building No. 4 wing A,B& C Is provided on 5th floor.

11. Suggestions for Refuge Area-

Refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGAED

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act tne fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 129/2014-15 DATE: 23/07/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Sector-IV, Residential Building No.4 (Wing D&E) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1596/2014, Date:02/07/2014
2. An Application received from M/s – Sanat Mehta & Associates . Date 01/07/2014.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 01/07/2014
4. C.C. Issued by VVCMC/TP/CC/VP-0111/0302-24/2013-14, Dated:16/12/2013.
5. Gross built up area as per given submitted statement by an consultant 3849.96 sq.mtrs. accordingly capitation & scrutiny fees of Rs.2,40,000/- vide Receipt No-169216, Date:20/02/2014.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Sector-IV, Residential Building No.4 (Wing D&E) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 7 upper floor to the height of 23.90 meters as per the plans details. This NOC is valid subject to fulfillment of the following conditions.

Maharashtra Fire Prevention and Life Safety Measures Act,2006. The applicant (Developer, Owner, Occupier by whatever name called) shall comply with are the Fire & Life safety Measures adhering to National Building Code-2005.

After Complying thise recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter. Wing D & E interconnected on each floor by passage.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 3 Lifts provided for Wing D & E in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including basement fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. ,also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 25,000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

10. Observations of Refuge Area-

Refuge area for proposed Building No. 4 wing D& E Is provided on 5th floor.

11. Suggestions for Refuge Area-

Refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the primises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions fo D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGAED

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 130/2014-15 DATE: 23/07/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Shopping Center Building On Land bearing S.No.6/1pt.61/pt., 61/pt., 62,63,& 64, at village : Nilemore, Tal- Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1669/2014, Dated: 05/07/2014.
2. An Application received from M/s Sanat Mehata & Associates Consultant. Dated: 30/06/2014.
3. Built up area certificate received from M/s Sanat Mehata & Associates Consultant. Dated: 30/06/2014.
4. Revised D.P. Issued by VVCMC No. VVCMC/TP/RDP/VP- 00913/0160/2012-13, Dated: 27/12/2012.
5. Gross built up area as per given submitted statement by an consultant 4819.54 sq.mtrs. accordingly capitation & scrutiny fees of Rs.10,00,000 /-vide Receipt No-43908, Date 10/12/2012.

Dear Sir,

M/s **Sanat Mehata & Associates** Consultant of the project has submitted the proposal for construction of rise **Shopping Center Building On Land bearing S.No.6/1pt.61/pt., 61/pt., 62,63,& 64, at village : Nilemore, Tal- Vasai, Dist- Thane.**

The entire structure consists of **Basement + Ground floor + 1** upper floor to the height of **9.00 meters** as per the plans details. This NOC is valid subject to fulfillment of the following conditions.

Maharashtra Fire Prevention and Life Safety Measures Act,2006. The applicant (Developer, Owner, Occupier by whatever name called) shall comply with are the Fire & Life safety Measures adhesive to National Building Code-2005.

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1.Two staircase is provided for the proposed building one staircase with the width of 3 meter & one staircase is provided with the width of 2 meters.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 3 Lifts provided for the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including basement fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190.& CO2 type 3.2 kg with IS & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 150 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female Single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on every floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 6 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of **50,000** litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **25,000** litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 900 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

15. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. Automatic Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

18. Sprinkler System:-

Automatic Sprinkler system shall be provided in Basement, the lift lobby/ common passage at each floor as per the standard laid down by TAC or relevant IS specification.

19. Smoke Detector System:-

The Smoke Detector shall be provided on ground & first floor lift machine room and electrical meter room.

20.PUBLIC ADDRESS SYSTEM :-

The building shall be provided with Public Address System with Consoled at ground floor level.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises'.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGAED Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-
Architect with plan Submitted along with the Application at fire department.

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 134/2014-15 DATE: 24/07/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.2, on S.No.30A, H.No.1 & 2A & H.No. 2B & 3, at village : Sopara, Tal- Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1212/2014, Dated: 13/06/2014.
2. An Application received from M/s Sanat Mehata & Associates Consultant. Dated: 09/12/2013.
3. Built up area certificate received from M/s Sanat Mehata & Associates Consultant. Dated: 09/12/2013.
4. Revised D.P. Issued by VVCMC No. VVCMC/TP/RDP/VP- 0916/0102/2013-14, Dated: 18/06/2013.
5. Gross built up area as per given submitted statement by an consultant 2694.70 sq.mtrs. accordingly capitation & scrutiny fees of Rs.2,00,000 /-vide Receipt No- 226803, Date 05/07/2014.

Dear Sir,

M/s **Sanat Mehata & Associates** Consultant of the project has submitted the proposal for construction of rise **Residential Cum Commercial Building No.2, on S.No.30A, H.No.1 & 2A & H.No. 2B & 3, at village : Sopara, Tal- Vasai, Dist- Thane.**

The entire structure consists of **Ground floor + 7/pt.** upper floor to the height of **23.90 meters** as per the plans details. This NOC is valid subject to fulfillment of the following conditions.

Maharashtra Fire Prevention and Life Safety Measures Act,2006. The applicant (Developer, Owner, Occupier by whatever name called) shall comply with are the Fire & Life safety Measures adhering to National Building Code-2005.

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1.Two staircase is provided for the proposed building one staircase with the width of 1.2 meter & one staircase is provided with the width of 1.5 meters.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Wet riser cum Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 6 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

10. Observations of Refuge Area-

Refuge area for proposed Building No. 2 wing Is not provided on 5th floor.

11.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the primises.
2. All material required to be used for protection must be of BIS mark.

3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions fo D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION ★ FIRE BRIGAED ★ Dist. Thane

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 136/2014-15 DATE: 28/07/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Sector-I, Residential Cum Commercial Building No.1 (Wing B&C) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1767/2014, Date:10/07/2014
2. An Application received from M/s – Sanat Mehta & Associates . Date 10/04/2013.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 10/04/2013.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0111/0200/2012-13. Dated: 22/02/2013.
5. Building construction work at present stage certificate Ref. No.SMA/533/164D/14 of Sanat Mehta & Associates dated- 26/07/2014.
6. Gross built up area as per given submitted statement by an consultant 6505.13 sq.mtrs. accordingly capitation & scrutiny fees of Rs.3,20,000/- vide Receipt No-142290. Date:02/08/2013..

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Sector-I, Residential Cum Commercial Building No.1 (Wing B&C) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 7 upper floor to the height of 23.90 meters as per the plans details. Construction Work of the above mentioned building is completed up to **4th slab** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **4th slab.** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter in wing B.& Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter in wing C.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

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Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for Wing B & 2 Lifts provided for Wing C in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Wet riser cum Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions fo D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION ★ FIRE BRIGAED ★ Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

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VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 137/2014-15 DATE: 28/07/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Sector-I, Residential Cum Commercial Building No.2 (Wing D,E& F) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1940/2014, Date:23/07/2014.
2. An Application received from M/s – Sanat Mehta & Associates . Date 07/07/2014.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 07/07/2014.
4. C.C. Issued by VVCMC/TP/CC/VP-0193&0359/0311/2012-13. Dated: 05/05/2012.
5. Building construction work at present stage certificate Ref. No.SMA/534/164D/14 of Sanat Mehta & Associates dated- 26/07/2014.
6. Gross built up area as per given submitted statement by an consultant 6781.01 sq.mtrs. accordingly capitation & scrutiny fees of Rs.3,72,000/- vide Receipt No-105200. Date:01/06/2013..

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Sector-I, Residential Cum Commercial Building No.2 (Wing D,E& F) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 7 upper floor to the height of 23.90 meters as per the plans details. Construction Work of the above mentioned building is completed up to **2nd slab**.as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **2nd slab** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. ONE staircase is provided for the proposed building with the width of 1.5 meter in wing D.& ONE staircase is provided for the proposed building with the width of 1.5 meter in wing E. & ONE staircase is provided for the proposed building with the width of 1.5 meter in wing F.& WING D,E& F interconnected on every floor by corridor passage.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Received 30-7-14

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for Wing D & 1 Lifts provided for Wing E & 2 Lifts provided for Wing F in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Wet riser cum Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. Observations of Refuge Area-

Refuge area for proposed Building No.2 wing D,E&F Is provided on 5th floor.

15. Suggestions for Refuge Area-

Refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION ★ FIRE BRIGAED ★ Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 138/2014-15 DATE: 28/07/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Sector-III, Residential Cum Commercial Building No.7 (Wing A) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist-Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1670/2014, Date:02/07/2014
2. An Application received from M/s – Sanat Mehta & Associates . Date 03/12/2013.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 03/12/2013.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0111/0205/2013-14. Dated: 24/07/2013.
5. Building construction work at present stage certificate Ref. No.SMA/508/164D/14 of Sanat Mehta & Associates dated- 18/07/2014
6. Gross built up area as per given submitted statement by an consultant 2807.58 sq.mtrs. accordingly capitation & scrutiny fees of Rs.25,00,000/- vide Receipt No-255214. Date:26/07/2012..

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Sector-III, Residential Cum Commercial Building No.7 (Wing A) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 9 upper floor to the height of 29.60 meters as per the plans details. Construction Work of the above mentioned building is almost completed & finishing work is in progress. as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is almost completed & finishing work is in progress. Applicant had obtained RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.5 meter . wing A.& WING B interconnected on every floor by corridor passage.

Received 30-7-14

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 1 Lifts provided for Wing A in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Wet riser cum Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.**Electrical Pump:-**

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGAED Dist. Thane.

28/7/2017

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

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VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 139/2014-15 DATE: 28/07/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Sector-III, Residential Cum Commercial Building No.7 (Wing B) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist-Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1599/2014, Date:02/07/2014
2. An Application received from M/s – Sanat Mehta & Associates . Date 03/12/2013.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 03/12/2013.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0111/0302-9/2013-14. Dated: 16/12/2013.
5. Building construction work at present stage certificate Ref. No.SMA/510/164D/14 of Sanat Mehta & Associates dated- 18/07/2014
6. Gross built up area as per given submitted statement by an consultant 3105.64 sq.mtrs. accordingly capitation & scrutiny fees of Rs.25,00,000/- vide Receipt No-255214. Date:26/07/2012.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Sector-III, Residential Cum Commercial Building No.7 (Wing B) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 9 upper floor to the height of 29.60 meters as per the plans details. Construction Work of the above mentioned building is is almost completed & finishing work is in progress.as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is is almost completed & finishing work is in progress. Applicant had obtained RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.5 meter . wing A.& WING B interconnected on every floor by corridor passage.

Received 30-7-14

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.

2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 1 Lifts provided for Wing B in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-
Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-
Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-
One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Wet riser cum Down Comer:-
The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-
15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-
External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-
One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-
A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-
Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions fo D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGAED Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-
Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

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VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 140/2014-15 DATE: 28/07/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Sector-III, Residential Cum Commercial Building No.7 (Wing C) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist-Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1685/2014, Date:05/07/2014
2. An Application received from M/s – Sanat Mehta & Associates . Date 06/12/2013.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 05/12/2013.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0111/0206/2013-14. Dated: 24/07/2013.
5. Building construction work at present stage certificate Ref. No.SMA/511/164D/14 of Sanat Mehta & Associates dated- 18/07/2014.
6. Gross built up area as per given submitted statement by an consultant 2960.19 sq.mtrs. accordingly capitation & scrutiny fees of Rs.25,00,000/- vide Receipt No-255214. Date:26/07/2012., Rs.1,29,500/- vide Receipt No-227379 Date:04/05/2012. Rs.24,000/- vide Receipt No-226808. Date:05/07/2014.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Sector-III, Residential Cum Commercial Building No.7 (Wing C) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 9 upper floor to the height of 29.60 meters as per the plans details. Construction Work of the above mentioned building is almost completed & finishing work is in progress. as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is almost completed & finishing work is in progress.Applicant had obtained RDP too. While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.5 meter . wing C.& WING D interconnected on every floor by corridor passage.

Recived 30-7-14

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 1 Lifts provided for Wing C in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Wet riser cum Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGAED Dist. Thane.

29/7/2015

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department .

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 141/2014-15 DATE: 28/07/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Sector-III, Residential Cum Commercial Building No.7 (Wing D) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist-Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1542/2014, Date:30/06/2014
2. An Application received from M/s – Sanat Mehta & Associates . Date 03/12/2013.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 03/12/2013.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0111/0207/2013-14. Dated: 24/07/2013.
5. Building construction work at present stage certificate Ref. No.SMA/509/164D/14 of Sanat Mehta & Associates dated- 18/07/2014
6. Gross built up area as per given submitted statement by an consultant 2195.53 sq.mtrs. accordingly capitation & scrutiny fees of Rs.25,00,000/- vide Receipt No-255214. Date:26/07/2012..

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Sector-III, Residential Cum Commercial Building No.7 (Wing D) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 9 upper floor to the height of 29.60 meters as per the plans details. Construction Work of the above mentioned building is almost completed & finishing work is in progress. as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is almost completed & finishing work is in progress. Applicant had obtained RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.5 meter . wing D .& WING C interconnected on every floor by corridor passage.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Received
30-7-14

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 1 Lifts provided for Wing D in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Wet riser cum Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

28/9/2015

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

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VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 142/2014-15 DATE: 28/07/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Sector-III, Residential Cum Commercial Building No.7 (Wing H) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1867/2014, Date:18/07/2014
2. An Application received from M/s – Sanat Mehta & Associates . Date 10/04/2013.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 10/04/2013.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0111/0200/2012-13. Dated: 22/02/2013.
5. Building construction work at present stage certificate Ref. No.SMA/535/164D/14 of Sanat Mehta & Associates dated- 26/07/2014.
6. Gross built up area as per given submitted statement by an consultant 2164.53 sq.mtrs. accordingly capitation & scrutiny fees of Rs.2,00,000/- vide Receipt No-105199. Date:01/06/2013..

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Sector-III, Residential Cum Commercial Building No.7 (Wing H) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 7 upper floor to the height of 23.90 meters as per the plans details. Construction Work of the above mentioned building is completed up to **3rd slab**.as per the Ref.No.5. Applicant had obtained CC/RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **3rd slab.** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

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Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 1 Lifts provided for Wing H in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-
Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-
Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-
One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Wet riser cum Down Comer:-
The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-
15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-
External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-
One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-
A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-
Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-
Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions fo D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION ★ FIRE BRIGAED ★ Dist. Palghar

28/7/2017

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to- **Architect with plan Submitted along with the Application at fire department**

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

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VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 143/2014-15 DATE: 28/07/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Sector-II A, Residential Cum Commercial Building No.1 (Wing G) on Nilemore. Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1941/2014, Date:23/07/2014
2. An Application received from M/s – Sanat Mehta & Associates . Date 23/07/2014.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 16/10/2012.
4. CC. Issued by VVCMC/TP/CC/VP-0111/1138/2012-13. Dated: 11/07/2012.
5. Building construction work at present stage certificate Ref. No.SMA/532/164D/14 of Sanat Mehta & Associates dated- 26/07/2014.
6. Gross built up area as per given submitted statement by an consultant 1641.44 sq.mtrs. accordingly capitation & scrutiny fees of Rs.2,00,000/- vide Receipt No-226805. Date:05/07/2014..

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Sector-II A, Residential Cum Commercial Building No.1 (Wing G) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 7 upper floor to the height of 23.90 meters as per the plans details. Construction Work of the above mentioned building is almost completed & finishing work is in progress as per the Ref.No.5. Applicant had obtained CC/RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is almost completed & finishing work is in progress. Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 0.75 meter.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

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Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 1 Lifts provided for Wing G in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Wet riser cum Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions fo D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGAED Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department.

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

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VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 145/2014-15 DATE: 02/08/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.4, Phase-I, Sector- IIB, Wing A,B,& C,) at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1597/2014, Date:02/07/2014.
2. An Application received from M/s . Sanat Mehta & Associates., Date :03/12/2013.
3. Built up area certificate received from M/s .Sanat Mehta & Associates. Date 03/12/2013.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-111/0302-7/2013-14.Dated:16/12/2013.
5. Building construction work at present stage certificate Ref. No.SMA/513/164D/14 of M/S. Sanat Mehta & Associates dated- 18/07/2014.
6. Gross built up area as per given submitted statement by an consultant 11880.14 sq.mtrs. accordingly capitation & scrutiny fees of Rs.25,00,000/- vide Receipt No-255214. Date:26/07/2012.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Residential Cum Commercial Building No.4, Phase-I, Sector- IIB, Wing A,B,& C,) at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 9 upper floor to the height of 30.00 meters as per the plans details. Construction Work of the above mentioned building **is almost completed and finishing work is in progress** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building **is almost completed and finishing work is in progress** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.2 meter & One staircase is provided with the width of 1.5 meter up to 1st floor in wing A .& One staircase is provided for the proposed building with the width of 1.2 meter in wing B & One staircase is provided for the proposed building with the width of 1.2 meter in wing C.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for Wing A,B & C in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers cum Down comer :-

The entire **Vertical Risers cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each **Vertical Risers cum Down comer** shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Vertical Risers cum Down comer shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

19. Smoke Detector :-

Provided on first floor in wing A in commercial Area .

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 146/2014-15 DATE: 02/08/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.5, Phase-I, Sector- V, Wing A,B,C,D,E) at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1594/2014, Date:02/07/2014.
2. An Application received from M/s . Sanat Mehta & Associates., Date :01/07/2014.
3. Built up area certificate received from M/s .Sanat Mehta & Associates. Date 01/07/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-111/100/2012-13.Dated: 11/07/2012.
5. Building construction work at present stage certificate Ref. No.SMA/519/164D/14 of M/S. Sanat Mehta & Associates dated- 18/07/2014.
6. Gross built up area as per given submitted statement by an consultant 9550.07 sq.mtrs. accordingly capitation & scrutiny fees of Rs.25,00,000/- vide Receipt No-255214. Date:26/07/2012.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Residential Cum Commercial Building No.5, Phase-I, Sector- V, Wing A,B,C,D,E) at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 7 upper floor to the height of **23.90** meters as per the plans details. Construction Work of the above mentioned building total **RCC work completed** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building total **RCC work completed** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.2 meter in wing A,B,C,D &E.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for Wing A,**B,D,E** & 1 Lifts provided for Wing C in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers cum Down comer :-

The entire **Vertical Risers cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each **Vertical Risers cum Down comer** shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Vertical Risers cum Down comer shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 147/2014-15 DATE: 02/08/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Phase-II, Sector-III, Residential Cum Commercial Building No.1 (Wing C,D & E) Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1684/2014-15, Date:05/07/2014.
2. An Application received from M/s – Sanat Mehta & Associates . Date 02/12/2013.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 21/11/2013.
4. R.D.P. Issued by VVCMC/TP/R.D.P./VP-111/0209/2013-14. Dated: 24/07/2013.
5. Building construction work at present stage certificate Ref No. SMA/517/164D/14 of M/s Sanat Mehta & Associates. Date 18/07/2014.
6. Gross built up area as per given submitted statement by an consultant 8111.57 sq.mtrs. accordingly capitation & scrutiny fees of Rs.2,70,000/- vide Receipt No-226804. Date:05/07/2014.& Rs.4,40,000/- vide Receipt No-44229. Date:11/01/2013..

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-II, Sector-III, Residential Cum Commercial Building No.1 (Wing C,D & E) Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 9 upper floor to the height of 29.60 meters as per the plans details. Construction Work of the above mentioned building is **almost completed and finishing work is in progress** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **almost completed and finishing work is in progress**. Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.2 meter & 0.75 meter in wing C,D& E
2. **Suggestions for Staircase :-**

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for Wing C,D&E in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers cum Down comer :-

The entire **Vertical Risers cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each **Vertical Risers cum Down comer** shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Vertical Risers cum Down comer shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 148/2014-15 DATE: 02/08/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.2, Phase-II, Sector- III, Wing A,B,C,D & F) at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1602/2014, Date:02/07/2014.
2. An Application received from M/s . Sanat Mehta & Associates., Date :02/12/2013.
3. Built up area certificate received from M/s .Sanat Mehta & Associates. Date 30/11/2013.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-111/0203/2013-14.Dated: 24/07/2013.
5. Building construction work at present stage certificate Ref. No.SMA/516/164D/14 of M/S. Sanat Mehta & Associates dated- 18/07/2014.
6. Gross built up area as per given submitted statement by an consultant 13296.56 sq.mtrs. accordingly capitation & scrutiny fees of Rs.25,00,000/- vide Receipt No-255214. Date:26/07/2012.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Residential Cum Commercial Building No.2, Phase-II, Sector- III, Wing A,B,C,D & F) at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 9 upper floor to the height of 29.60 meters as per the plans details. Construction Work of the above mentioned building **is almost completed and finishing work is in progress** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building **is almost completed and finishing work is in progress** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.2 meter & 0.75 meter in wing A,B,C,D.& F
2. **Suggestions for Staircase :-**

    1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
    2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for Wing A,B,C,D &F in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers cum Down comer :-

The entire **Vertical Risers cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each **Vertical Risers cum Down comer** shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Vertical Risers cum Down comer shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift. and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 149/2014-15 DATE: 02/08/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.2, Phase-II, Sector- III, Wing- E) at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1686/2014, Date:05/07/2014.
2. An Application received from M/s . Sanat Mehta & Associates., Date :02/12/2013.
3. Built up area certificate received from M/s .Sanat Mehta & Associates. Date 23/11/2013.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-111/0211/2013-14.Dated: 24/07/2013.
5. Building construction work at present stage certificate Ref. No.SMA/518/164D/14 of M/S. Sanat Mehta & Associates dated- 18/07/2014.
6. Gross built up area as per given submitted statement by an consultant 3120.56 sq.mtrs. accordingly capitation & scrutiny fees of Rs.90,000/- vide Receipt No-226807. Date:07/05/2014.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Residential Cum Commercial Building No.2, Phase-II, Sector- III, Wing- E) at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 9 upper floor to the height of 30.00 meters as per the plans details. Construction Work of the above mentioned building **is almost completed and finishing work is in progress** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building **is almost completed and finishing work is in progress** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.2 meter & 0.75 meter in wing E
2. **Suggestions for Staircase :-**

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for Wing E in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers cum Down comer :-

The entire **Vertical Risers cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each **Vertical Risers cum Down comer** shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Vertical Risers cum Down comer shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 150/2014-15 DATE: 02/08/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Phase-II, Sector-III, Residential Cum Commercial Building No.4 (Wing A&B) Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1603/2014, Date:02/07/2014.
2. An Application received from M/s – Sanat Mehta & Associates . Date 02/12/2013.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 30/11/2013.
4. R.D.P. Issued by VVCMC/TP/R.D.P./VP-111/0212/2013-14. Dated: 24/07/2013.
5. Building construction work at present stage certificate Ref No. SMA/515/164D/14 of M/s Sanat Mehta & Associates. Date 18/07/2014.
6. Gross built up area as per given submitted statement by an consultant 6204.35 sq.mtrs. accordingly capitation & scrutiny fees of Rs.25,00,000/- vide Receipt No-255214. Date:26/07/2012..

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-II, Sector-III, Residential Cum Commercial Building No.4 (Wing A&B) Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 9 upper floor to the height of 29.60 meters as per the plans details. Construction Work of the above mentioned building is **almost completed and finishing work is in progress** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **almost completed and finishing work is in progress**. Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.2 meter & 0.75 meter in wing A & B.
2. **Suggestions for Staircase :-**

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for Wing A & B in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers cum Down comer :-

The entire **Vertical Risers cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each **Vertical Risers cum Down comer** shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Vertical Risers cum Down comer shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-
Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 151/2014-15 DATE: 02/08/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.4, Phase-II, Sector- III, Wing- C) at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1541/2014, Date:30/06/2014.
2. An Application received from M/s . Sanat Mehta & Associates., Date :02/12/2013.
3. Built up area certificate received from M/s .Sanat Mehta & Associates. Date 30/11/2013.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-111/0213/2013-14.Dated: 24/07/2013.
5. Building construction work at present stage certificate Ref. No.SMA/512/164D/14 of M/S. Sanat Mehta & Associates dated- 18/07/2014.
6. Gross built up area as per given submitted statement by an consultant 3056.97 sq.mtrs. accordingly capitation & scrutiny fees of Rs.2,00,000/- vide Receipt No-12051. Date:12/11/2012.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Residential Cum Commercial Building No.4, Phase-II, Sector- III, Wing- C, at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of **Ground floor + 9** upper floor to the height of 29.60 meters as per the plans details. Construction Work of the above mentioned building **is almost completed and finishing work is in progress** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building **is almost completed and finishing work is in progress** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.2 meter & 0.75 meter in wing C.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for Wing C in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers cum Down comer :-

The entire **Vertical Risers cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each **Vertical Risers cum Down comer** shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Vertical Risers cum Down comer shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 152/2014-15 DATE: 02/08/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Sector-II B, Residential Cum Commercial Building No.3 (Wing A,B & C) Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1598/2014, Date:02/07/2014.
2. An Application received from M/s – Sanat Mehta & Associates . Date 03/12/2013.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 03/12/2013.
4. R.D.P. Issued by VVCMC/TP/R.D.P./VP-111/0201/2013-14. Dated: 24/07/2013.
5. Building construction work at present stage certificate Ref No. SMA/514/164D/14 of M/s Sanat Mehta & Associates. Date 18/07/2014.
6. Gross built up area as per given submitted statement by an consultant 11512.83 sq.mtrs. accordingly capitation & scrutiny fees of Rs.25,00,000/- vide Receipt No-255214. Date:26/07/2012..

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Sector-II B, Residential Cum Commercial Building No.3 (Wing A,B & C) Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground floor + 9 upper floor to the height of 29.70 meters as per the plans details. Construction Work of the above mentioned building is **almost completed and finishing work is in progress** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **almost completed and finishing work is in progress**. Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. ONE staircase is provided for the proposed building with the width of 1.2 meter in wing A.& ONE staircase is provided for the proposed building with the width of 1.2 meter in wing B. & ONE staircase is provided for the proposed building with the width of 1.2 meter in wing C.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for Wing A & 2 Lifts provided for Wing B & 2 Lifts provided for Wing C in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers cum Down comer :-

. The entire **Vertical Risers cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each **Vertical Risers cum Down comer** shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Vertical Risers cum Down comer shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 169 /2014-15 DATE: 05/08/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar (Thane).

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Building No.1 (Wing A to D) Stilt+Gr+7 on Land bearing plot A- S.No. 314, H.No.1,2 & 3; S.No. 319, H.No.1,2&3 & Plot No. 1,2,7,8,9; S.No. 327-B village: Juchandra, Tal- Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1944/2014, Date:24/07/2014.
2. An Application received from M/s – En Con Project Consulants, Date 02/07/2014.
3. Built up area certificate received from M/s – En Con Project Consulants, Date 30/06/2014.
4. C.C. Issued by VVCMC/TP/CC/VP-0855/2224, Dated: 03/02/2012.
5. Building construction work at present stage certificate Ref No.vp-0855/41 of M/s – En Con Project Consulants, dated- 22/07/2014.
6. Built up area as per given submitted statement by an consultant 6566.51 sq.mtrs. accordingly capitation & scrutiny fees of Rs.40,000/- vide Receipt No-226679, Date:04/07/2014. & Rs.7,60,000/- vide Receipt No-226680, Date:04/07/2014..

Dear Sir,

M/s – En Con Project Consultant of the project has submitted the proposal for construction of **Residential Building No.1 (Wing A to D) Stilt+Gr+7 on Land bearing plot A- S.No. 314, H.No.1,2 & 3; S.No. 319, H.No.1,2&3 & Plot No. 1,2,7,8,9; S.No. 327-B village: Juchandra, Tal- Vasai, Dist- Thane.**

The entire structure consists of **Stilt+Gr+7** upper floor to the height of 23.40 meters as per the plans details. Construction Work of the above mentioned building is completed up to **8th slab**.as per the Ref.No.5. Applicant had obtained C. C. As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **8th slab** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection [illegible]tion Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.2 meter & 1.5 meter in each wing A to D.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 1 Lifts provided for each Wing A to D in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width With emergency Switch on Ground level . The collapsible shutters shall not be provided
2. In case of fire , only fireman Shall operate the fire lift .in normal course ,it may be used by other persons.
3. Each fire lift Shall be equipped with suitable inter communication equipment for communicating with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

10.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

11. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

NICIPAL CORPORATION RE GADE Thane.

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 170/2014-15 DATE: 05/08/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar (Thane).

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Building No.2, Type E-1, (wing C, st.+7) , on Land bearing S.No. 69 H.No. 1 To 6, S.No. 71 H.No. 4 To 10, S.No. 72 H.No. 1 To 10, 12 to 15, S.No. 73 H.No. 4 To 14, S.No. 74 H.No.6,8,9,12,13, of village: Manikpur & S.No. 127 H.No. 3, S.No. 128 H.No. 1/1, 1/2, 8B of village: Diwanman & Amalgamated non NA land bearing S.No.71 H.No. 1, 2,5 S.No. 72 H.No. 11 , S.No. 74 H.No. 5,7 of village : Manikpur & S.No. 121 H.No. 5, 6B, S.No. 124 H.No. 4,5, 6, S.No. 125 H.No. 1,2,3,4A,4B,5,6,7A,7B, S.No. 126 H.No. 3A,3B,4 S.No.127 H.No. 1,4,5 S.No.128 H.No. 4,6,7,8A, S.No. 129 H.No. 1,2 of village: Diwanman, Tal- Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1706/2014, Date:07/07/2014.
2. An Application received from M/s – En Con Project Consultants, Date 07/07/2014.
3. Built up area certificate received from M/s – En Con Project Consultants. Date 03/07/2014.
4. Amalgamation & R.D.P. Issued by VVCMC/TP/RDP/VP-0104 & 4854/0126/2012-13, Dated:08/11/2012..
5. Building construction work at present stage certificate Ref No.VP- 0104/78 of M/s En Con Project Consultants, Date 03/07/2014
6. Built up area as per given submitted statement by an consultant 2061.50 sq.mtrs. accordingly capitation & scrutiny fees of Rs.1,60,000/- vide Receipt No-226695, Date:04/07/2014.& Rs.8,45,000/- vide Receipt No-226694, Date:04/07/2014..

Dear Sir,

M/s – En Con Project Consultant of the project has submitted the proposal for construction of **Residential Building No.2, Type E-1, (wing C, st.+7) , on Land bearing S.No. 69 H.No. 1 To 6, S.No. 71 H.No. 4 To 10, S.No. 72 H.No. 1 To 10, 12 to 15, S.No. 73 H.No. 4 To 14, S.No. 74 H.No. 6,8,9,12,13, of village: Manikpur & S.No. 127 H.No. 3, S.No. 128 H.No. 1/1, 1/2, 8B of village: Diwanman & Amalgamated non NA land bearing S.No.71 H.No. 1, 2,5 S.No. 72 H.No. 11 , S.No. 74 H.No. 5,7 of village : Manikpur & S.No. 121 H.No. 5, 6B, S.No. 124 H.No. 4,5, 6, S.No. 125 H.No. 1,2,3,4A,4B,5,6,7A,7B, S.No. 126 H.No. 3A,3B,4 S.No.127 H.No. 1,4,5 S.No.128 H.No. 4,6,7,8A, S.No. 129 H.No. 1,2 ofvillage: Diwanman, Tal- Vasai, Dist- Thane.**

The entire structure consists of **st.+7** upper floor to the height of **22.85** meters as per the plans details. Construction Work of the above mentioned building is completed up to **8TH Slab level & other work in progress** as per the Ref.No.5. Applicant had obtained Amalgamation & R.D.P. As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **8TH Slab level & other work in progress** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.25 meter.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 1 Lifts provided in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width With emergency Switch on Ground level . The collapsible shutters shall not be provided
2. In case of fire , only fireman Shall operate the fire lift .in normal course ,it may be used by other persons.
3. Each fire lift Shall be equipped with suitable inter communication equipment for communicating with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with Is-2190.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 25,000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

10.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

11. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 176/2014-15 DATE: 13/08/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential Building (Stilt+7 Floors) on land bearing S.No.212, H.No.1, at Village: Dongre, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/19517/2014, Date:24/07/2014.
2. An Application received from M/s . Sameer R. Desai, Date :02/07/2014.
3. Built up area certificate received from M/s . Sameer R. Desai, Date :02/07/2014.
4. C.C. Issued by VVCMC/TP/CC/VP-849/2013-14.Dated:18/06/2013.
5. Building construction work at present stage certificate of M/s . Sameer R. Desai, Date : 11/08/2014.
6. Gross built up area as per given submitted statement by an consultant 1647.89 sq.mtrs. Accordingly capitation & scrutiny fees of Rs.01,20,000/- vide Receipt No-226812 Date:07/07/2014.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Residential Building (Stilt+7 Floors) on land bearing S.No.212, H.No.1, at Village: Dongre, Tal-Vasai, Dist- Thane.**

The entire structure consists of Ground + 7 floor to the height of 23.00 meters as per the plans details. Construction Work of the above mentioned building **complited upto 1st slab** as per the Ref.No.5. Applicant had obtained C.C As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building **is complited upto 1st slab** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.5 meter .

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- One Lifts provided in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Down comer :-

The entire Down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 900 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

10.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

11. Manual Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

Observation of Refuse Area:- :-

Refuse area shown on 5th floor in the building.

Suggestions for Refuse Area:-

For building refuge area of 15 Sq.Mtrs.or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors,whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

Received

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 177/2014-15 DATE: 13/08/2014

TO,
M/s Yazoo Park,
Virar (West),Dist-Thane.

Sub:- Renewal of " No Objection Certificate" of "Amusement Park" on plot bearing S.No. 5, 5B, 5D, 5F & 5G at village Dongare ,Tal- Vasai, Dist- Thane.

Ref :- 1. An application received by M/s Yazoo Park, Dated: 30/06/2014
2. Certificate from License Agency M/s, Ronak fire Industries , Dated:-02/08/2014 (Form B).
3. This office final No objection Certificate No. VVCMC/FIRE/134/ 2011-12, Dated:08/11/2011.
4. This office Renewal No objection Certificate No. VVCMC/FIRE/79/ 2013-14, Dated:14/05/2013.

Dear sir,

With reference to Sr.No.1 above, thise office is in receipt of your application for your **"Amusement Park"** at above mentioned address. Since the fire fighting arrangements Carried Out inspection by **License Agency i.e.M/s. Ronak fire Industries bearing License No. MFS-LA/F-0157 , Dated-18/07/2012.issued by this office and has submitted Certificate on dated- 02/08/2014 in "Form B" prescribed in Maharashtra Fire Prevention & Life Safety Measure Rules 2009,** this office is issuing a **" Renewal No Objection Certificate"** for your **"Amusement Park** .

This certificate shall be treated valid **up to 31/12/2014** It is your responsibility to get the same renewed every year after inspection of fire fighting installation and arrangements provided for fire & life safety. After paying renewal fees Fire Brigade Department will renew the Final No Objection Certificate.

Under **sub-section (3) of section 3** of **" Maharashtra Fire Prevention and Life Safety Measures Act, 2006"** it is responsibility of the Owner or the Occupier as the case may be, shall furnish to The Chief Fire Officer or nominated officer a Certificate in a prescribed form twice a year in the Month of January & July regarding maintenance of fire prevention and life safety measure in good repair and efficient condition as specified in sub- section (1).

The Fire Fighting System provided by you in the premises as per final No Objection Certificate shall be well maintained & shall be kept in tip-top working condition at all the time. If the fire protection system is not maintained, retrenched then this "N.O.C." will stand cancelled without any notice & the Owner or the Occupier will be solely responsible to loss of life or property if any, which may please be noted.

The Party has paid already paid the Rs.21250/- vide Receipt No.-226608, Dated 01/07/2014.DD.bearing No. 000428 Issued by HDFC Bank renewal fees for the said park.

The undersigned reserves right to amend any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the building. **If any change of Activity or Transfer of Plot or any future expansion, No Objection Certificate from this office is essential.**

Thanking you

FIRE BRIGADE

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Please Note:- The Developer / Owner / Occupier have to Renew the N.O.C. on 1st Jan. of every year & submit the next Testing Certificate of fire fighting system's only from Licensed Agency appointed by Government of Maharashtra on 1st July of every year. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org

16:08:2014

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 181/2014-15 DATE: 13/08/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar (Thane).

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Residential Building (wing A&B, pt.St+pt.Gr.+7 pt) , on Land bearing S.No. 301A, H.NO.2 of village: Bolinj, Tal- Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1991/2014, Date:30/07/2014.
2. An Application received from M/s – SHAH & DASWANI BUIDERS & DEVELOPERS, Date 16/07/2014.
3. Built up area certificate received from REF-VVCMC/TP/VP-0393 M/s – ABHAY RAUT, ARCHITECT, Date 25/07/2014.
4. C.C Issued by VVCMC/TP/CC/VP-0393/0023/2013-14, Dated:03/04/2013..
5. Building construction work at present stage certificate of M/s – ABHAY RAUT, ARCHITECT, Date 06/08/2014.
6. Built up area as per given submitted statement by an consultant 2988.97 sq.mtrs. Accordingly capitation & scrutiny fees of Rs.2,40,000/- vide Receipt No-226857, Date:30/07/2014.

Dear Sir,

M/s – SHAH & DASWANI BUIDERS & DEVELOPERS of the project has submitted the proposal for construction of **Residential Building (wing A&B, pt.St+pt.Gr.+7 pt) , on Land bearing S.No. 301A, H.NO.2 of village: Bolinj, Tal- Vasai, Dist- Thane.**

The entire structure consists of **pt.St+pt.Gr.+7pt** upper floor to the height of **23.56** meters as per the plans details. Construction Work of the above mentioned building is completed up to **1st slab level** as per the Ref.No.5. Applicant had obtained C.C. As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **1st slab level** Applicant had obtained C.C too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 45 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. one staircase is provided for the proposed building with the width of 1.5 meter in wing A & one staircase is provided for the proposed building with the width of 1.5 meter in wing B. both wing A &B interconnected on every floor with corridor passage .

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.

2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 1 Lifts provided in wing A & 1 Lifts provided in wing B in the Building. Out of these Two lift one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width With emergency Switch on Ground level . The collapsible shutters shall not be provided
2. In case of fire , only fireman Shall operate the fire lift .in normal course ,it may be used by other persons.
3. Each fire lift Shall be equipped with suitable inter communication equipment for communicating with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-
Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-
Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-
One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Down comer :-
The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-
15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-
External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-
One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-
A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Diesel Generator set:-
Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

10.Booster Pump:-

Each down comer shall be connected to a electrical pump at terrace level of 900 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant.

11. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

12. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

13/8/2019

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

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VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 182/2014-15 DATE: 13/08/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar (Thane).

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building (wing A pt.St+ pt.Gr.+14 & wing B pt.St+ pt.Gr.+12 pt) , on Land bearing S.No. 317, H.No.9,11/13 of village: Juchandra, Tal- Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1690/2014, Date:30/07/2014.
2. An Application received from M/s – Radheya construction Co., Date 24/07/2014.
3. Built up area certificate received from REF-VVCMC/TP/VP-0248 M/s – ABHAY RAUT, ARCHITECT, Date 28/06/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0248/085/2014-15, Dated:16/07/2014..
5. Building construction work at present stage certificate of M/s – ABHAY RAUT, ARCHITECT, Date 06/08/2014.
6. Built up area as per given submitted statement by an consultant 7911.90 sq.mtrs. Accordingly capitation & scrutiny fees of Rs.6,00,500/- vide Receipt No-187189, Date:27/06/2014., Rs.2,60,000/- vide Receipt No-187190 Date:27/06/2014 & Rs.4,500/- vide Receipt No-226604 Date:30/06/2014

Dear Sir,

M/s – Radheya Construction Co.,of the project has submitted the proposal for construction of **Residential Cum Commercial Building (wing A pt.St+ pt.Gr.+14 & wing B pt.St+ pt.Gr.+12 pt) , on Land bearing S.No. 317, H.No.9,11/13 of village: Juchandra, Tal- Vasai, Dist- Thane.**

The entire structure consists of **pt.St+ pt.Gr.+14 & pt.St+ pt.Gr.+12 pt** upper floor to the height of **43.83** meters as per the plans details. Construction Work of the above mentioned building is completed up to **7th slab level**.as per the Ref.No.5. Applicant had obtained RDP. As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **7th slab level .** Applicant had obtained RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 – 9 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 45 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircases is provided for the proposed building with the width of 1.5 meter in wing A & in wing B.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Recd

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided in wing A & B in the Building. out of these three lift one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width With emergency Switch on Ground level . The collapsible shutters shall not be provided
2. In case of fire , only fireman Shall operate the fire lift .in normal course ,it may be used by other persons.
3. Each fire lift Shall be equipped with suitable inter communication equipment for communicating with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 75000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 5000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

19. Sprinkler System:-

Automatic Sprinkler system shall be provided in the lift lobby/ common passage at each floor as per the standard laid down by TAC or relevant IS specification.

20. Smoke Detector System:-

The Smoke Detector shall be provided in lift machine room and electrical meter room .

21 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

22. Observation for Refuge Area :-

Refuge area for proposed Building in wing A Is provided on 8th, &13th floor & in wing B Is provided on 8th, floor.

23. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE BRIGADE

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 183/2014-15 DATE: 13/08/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar (Thane).

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.1, (wing A &B, pt.St+ pt.Gr.+13 UP) , on Land bearing S.No. 37, Plot No.1,S.NO.38,H.NO.4 & S.No. 182 H.No. 2 of village: Diwanman, Tal- Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1380/2014, Date:21/06/2014.
2. An Application received from M/s – ABHAY RAUT, ARCHITECT, Date 19/06/2014.
3. Built up area certificate received from REF-VVCMC/TP/VP-0488 M/s – ABHAY RAUT, ARCHITECT, Date 19/06/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0488/0326/2013-14, Dated:06/01/2014..
5. Building construction work at present stage certificate of M/s – ABHAY RAUT, ARCHITECT, Date 06/08/2014.
6. Built up area as per given submitted statement by an consultant 5805.30 sq.mtrs. accordingly capitation & scrutiny fees of Rs.6,50,000/- vide Receipt No-187139, Date:20/06/2014.

Dear Sir,

M/s – ABHAY RAUT, ARCHITECT of the project has submitted the proposal for construction of **Residential Cum Commercial Building No.1, (wing A &B, pt.St+ pt.Gr.+13 UP) , on Land bearing S.No. 37, Plot No.1,S.NO.38,H.NO.4 & S.No. 182 H.No. 2 of village: Diwanman, Tal- Vasai, Dist- Thane.**

The entire structure consists of **pt.St+pt.Gr.+13 UP**upper floor to the height of 45.00 meters as per the plans details. Construction Work of the above mentioned building is completed up to **foundation work is in progress** as per the Ref.No.5. Applicant had obtained C. C. As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **foundation work is in progress** .Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6-9 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. one staircase is provided for the proposed building with the width of 1.2 meter in wing A & one staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter in wing B. both wing A &B interconnected on every floor with corridor passage .

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Received

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 1 Lifts provided in wing A & 2 Lifts provided in wing B in the Building. out of these three lift one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width With emergency Switch on Ground level . The collapsible shutters shall not be provided
2. In case of fire , only fireman Shall operate the fire lift .in normal course ,it may be used by other persons.
3. Each fire lift Shall be equipped with suitable inter communication equipment for communicating with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 75000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 5000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

19. Sprinkler System:-

Automatic Sprinkler system shall be provided in the lift lobby/ common passage at each floor as per the standard laid down by TAC or relevant IS specification.

20. Smoke Detector System:-

The Smoke Detector shall be provided in lift machine room and electrical meter room at each floor.

21.PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

22. Observation for Refuge Area :-

Refuge area for proposed Building No.1 wing A & B Is provided on 8th, &13th floor.

23. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 195/2014-15 DATE: 22/08/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar (Thane).

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Building no-2 (St.+7) , on Land bearing S.No. 35, H.NO.8 & S.No. 36, H.NO.1/9 of village: Agashi,Virar (w), Tal- Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1389/2014, Date:21/06/2014.
2. An Application received from M/s– M.BARIA DEVELOPERS, Date 17/06/2014.
3. Built up area certificate received from M/s–ABHAY RAUT, ARCHITECT, Date .- 01/08/2014
4. C.C .Issued by VVCMC/TP/CC/VP-5299/1374/2013-14, Dated:16/08/2013.& RDP .Issued by VVCMC/TP/RDP/VP-5299/0323/2013-14, Dated:06/01/2014.
6. Built up area as per given submitted statement by an consultant 2024.32 sq.mtrs. Accordingly capitation & scrutiny fees of Rs.2,40,000/- vide Receipt No-226880, Date:12/08/2014.

Dear Sir,

M/s – M.BARIA DEVELOPERS of the project has submitted the proposal for construction of **Residential Building no-2 (St.+7) , on Land bearing S.No. 35, H.NO.8 & S.No. 36,H.NO.1/9 of village: Agashi,Virar (w), Tal- Vasai, Dist- Thane.**

The entire structure consists of **St+7** upper floor to the height of **23.00** meters as per the plans details. Applicant had obtained C.C & RDPAs per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006. Applicant had obtained C.C & RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 45 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. TWO staircase is provided for the proposed building. Out of these Two staircase one lift is proposed as a Fire Escape staircase.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

V.Pawar
26/08/14

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided in the Building. Out of these Two lift one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width With emergency Switch on Ground level . The collapsible shutters shall not be provided
2. In case of fire , only fireman Shall operate the fire lift .in normal course ,it may be used by other persons.
3. Each fire lift Shall be equipped with suitable inter communication equipment for communicating with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Down comer :-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

10.Booster Pump:-

Each down comer shall be connected to a electrical pump at terrace level of 900 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant.

11. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

12. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 196/2014-15 DATE: 22/08/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist- Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.1 (Wing A) Basement + G+7 Floor on Plot No. 9,10 & 11, S.No. 34/1 & 34/4, at Village: Sopara, Tal-Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/3397/2013-14, Date:06/05/2013
2. An Application received from M/s .Sanat Mehta & Associates . Date 06/05/2013.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 04/05/2013.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0422/373/2013-14, Dated: 08/05/2013.
5. Building construction work at present stage certificate Ref. No.SMA/580/158B/14, of M/S. Sanat Mehta & Associates dated- 26/08/2014.
6. Gross built up area as per given submitted statement by an consultant 2129.11 sq.mtrs. accordingly capitation & scrutiny fees of Rs.2,00,000/- vide Receipt No-104836. Date:25/04/2013.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Residential Cum Commercial Building No.1 (Wing A) Basement + G+7 Floor at Village: Sopara, Tal-Vasai, Dist- Palghar .**

The entire structure consists of Basement + Ground floor + 7 upper floor to the height of 25.85 meters as per the plans details. Construction Work of the above mentioned building is completed up to **The Construction work of the said Wing A is completed up to plinth level** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **The Construction work of the said Wing A is completed up to plinth level** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.5 meter in wing A.& also connected with wing B via corridor . & One staircase is provided for the proposed building with the width of 1.5 meter in wing A **up to first floor for commercial area .**
2. **Suggestions for Staircase :-**

    1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
    2. Fire Escape staircase shall be directly connected to the ground.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

15. Sprinkler System:-

Automatic Sprinkler system shall be provided in the basement & in Car Parking area as per the standard laid down by TAC or relevant IS specification.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions fo D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 197/2014-15 DATE: 22/08/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Phase-II, Sector-I, Residential Cum Commercial Building No.1 (Wing A to F) Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Palghar.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2247/2014-15, Date:22/08/2014.
2. An Application received from M/s – Sanat Mehta & Associates . Date 03/12/2013..
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 03/12/2013.
4. R.D.P. Issued by VVCMC/TP/R.D.P./VP-111/0217/2013-14. Dated: 24/07/2013.
5. Building construction work at present stage certificate Ref No. SMA/578/164D/14 of M/s Sanat Mehta & Associates. Date 26/08/2014.
6. Gross built up area as per given submitted statement by an consultant 22325.02 sq.mtrs. accordingly additional capitation & scrutiny fees of Rs.4,11,900/- vide Receipt No-226885.Date:16/08/2014 DD No.791310 of Laxmi Vilas Bank.
7. This office provisional NOC up to 7th floor VVCMC/FIRE/156/2011-12 DATED-03/01/2011.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **of Phase-II, Sector-I, Residential Cum Commercial Building No.1 (Wing A to F) Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist-Palghar.**

The entire structure consists of Ground floor + 9 upper floor to the height of 29.70 meters as per the plans details. Construction Work of the above mentioned building is **almost completed and finishing work is in progress** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **almost completed and finishing work is in progress**. Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.2 meter in wing A to F.& one Staircase is provided for the proposed building with the width of 1.5 meter in wing A & D up to first floor.
2. **Suggestions for Staircase :-**

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

13.Electrical Pump:-

Each **Vertical Risers cum Down comer** shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Vertical Risers cum Down comer shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER,
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-
Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 198/2014-15 DATE: 22/08/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Phase-II, Sector- II, Residential Cum Commercial Building No.2 (Wing B to F) Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Palghar.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2246/2014-15, Date:22/08/2014.
2. An Application received from M/s – Sanat Mehta & Associates . Date 03/12/2013..
3. Built up area certificate received from M/s Sanat Mehta & Associates. Date 03/12/2013.
4. R.D.P. Issued by VVCMC/TP/R.D.P./VP-111/0216/2013-14. Dated: 24/07/2013.
5. Building construction work at present stage certificate Ref No. SMA/579/164D/14 of M/s Sanat Mehta & Associates. Date 26/08/2014.
6. Gross built up area as per given submitted statement by an consultant 16821.44 sq.mtrs. accordingly additional capitation & scrutiny fees of Rs.3,38,100/- vide Receipt No-226886.Date:16/08/2014 DD No.791311 of Laxmi Vilas Bank.
7. This office provisional NOC up to 7th floor VVCMC/FIRE/155/2011-12 DATED-03/01/2011.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **of Phase-II, Sector- II, Residential Cum Commercial Building No.2 (Wing B to F) Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Palghar.**

The entire structure consists of Ground floor + 9 upper floor to the height of 29.70 meters as per the plans details. Construction Work of the above mentioned building is **almost completed and finishing work is in progress** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **almost completed and finishing work is in progress**. Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.2 meter in wing B to F.& one Staircase is provided for the proposed building with the width of 1.5 meter in wing D up to first floor.
2. **Suggestions for Staircase :-**

   1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
   2. Fire Escape staircase shall be directly connected to the ground.

13.Electrical Pump:-

Each **Vertical Risers cum Down comer** shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Vertical Risers cum Down comer shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT
Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 199/2014-15 DATE : 27/08/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential cum commercial building Wing C & Residential Building Wing D on Land bearing S.No. 9B H.No. 1/4 , 1/5, 1/6, 1/7, 1/8, in Plot No.B village : Waliv, Tal – Vasai, Dist – Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./ 2301 /2014 Date : 27/08/2014 .
2. An Application received from M/s – En Con Project Consultants, Date:- 19/08/2014.
3. Built up area certificate received from M/s – En Con Project Consultants, Date :- 19/08/2014.
4. C.C Issued by VVCMC/TP/CC/VP-0082/878/2012-13, dated : 21/06/2012.
5. Building construction work at present stage certificate Ref No. VP-0082/78 of M/s En Con Project Consultants, dated – 19/08/2014.
6. Built up area as per given submitted statement by an consultant 2987.3sq.mtrs. accordingly capitation & scrutiny fees of Rs. 2,40,000/- vide Receipt No – 265603 Date : 27/08/2014. & Rs.80,000/- vide Receipt No.-265602 Dated : 27/08/2014.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential cum commercial building Wing C & Residential Building Wing D on Land bearing S.No. 9B H.No. 1/4 , 1/5, 1/6, 1/7, 1/8, in Plot B village : Waliv, Tal – Vasai, Dist – Thane.**

The entire structure consists of Stilt+7 upper floor to the height of **24.05** meters as per the plans details. Construction Work of the above mentioned building is **completed up to 8th slab** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **completed up to 8th slab**. Applicant had obtained CC too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.2 meter in wing C &D.& both wing connected to each other by corridor on each floor.

Suggestions for Staircase :-

27/08/14

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.

2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 1 Lift provided for Wing C & 1 lift provided for Wing D in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-
Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-
Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-
One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers cum Down comer :-
The entire **Vertical Risers cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-
15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-
External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-
One Siamese connection (2 way) shall be provided at entrance gate of building.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-
A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-
Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each **Vertical Risers cum Down comer** shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Vertical Risers cum Down comer shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

15. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

16. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNCIPAL CORPORATION.

Copy to-
Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org.

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 204/2014-15 DATE: 27/08/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Industrial Building No.1 to 4, on Land bearing S.No. 1,2,3 & 10; S.No.35, H.No. 4&5 at Village: Gokhivare, Tal-Vasai, Dist- Thane.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1688/2014, Date:05/07/2014.
2. An Application received from M/s . En Con Consultants., Date : 23/06/2014.
3. Built up area certificate received from M/s . En Con Consultants. Date : 23/06/2014.
4. CC. Issued by VVCMC/TP/CC/VP—0930/3177/2013-14.Dated:13/02/2014.
5. Gross built up area as per given submitted statement by an consultant Building No.1 as 699.85 sq.mtrs., Building No.2 as 898.05 sq.mtrs., Building No.3 as 1787.73 sq.mtrs., Building No.4 as 1969.21 sq.mtrs accordingly capitation & scrutiny fees Building No.1 of Rs.40,000/- vide Receipt No-1871196. & Rs.40,000/- vide Receipt No-1871197 Date:30/06/2014.& Building No.2 Of Rs.40,000/- vide Receipt No-1871198. & Rs.40,000/- vide Receipt No-1871199 Date:30/06/2014, & Building No.3 Of Rs.85,000/- vide Receipt No-187200. & Rs.85,000/- vide Receipt No-226601 Date:30/06/2014,& Building No.4 Of Rs.85,000/- vide Receipt No-226602. & Rs.85,000/- vide Receipt No-226603, Date:30/06/2014.

Dear Sir,

M/s En Con Consultants of the project has submitted the proposal for construction of **Industrial Building No.1 to 4, on Land bearing S.No. 1,2,3 & 10; S.No.35, H.No. 4&5 at Village: Gokhivare, Tal-Vasai, Dist- Thane.**

The entire structure consists of Building No. 1 & 2 Ground floor Only & Building No. 3 & 4 Ground +2 (pt) floor as per the plans details. Applicant had obtained CC As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006. Applicant had obtained CC too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the **Industrial Building No.1 to 4** with the width of 1.5 meter.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Fire Fighting Requirements and provisions:- (for each building)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on each floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 100000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate10000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 2280 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

15. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

16. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

17. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Automatic Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be installs in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

19. Sprinkler System:-

Automatic Sprinkler system shall be provided in the lift lobby/ common passage at each floor as per the standard laid down by TAC or relevant IS specification.

20. Smoke Detector System:-

The Smoke Detector shall be provided in lift machine room electrical meter room .

21.PUBLIC ADDRESS SYSTEM:

The building shall be provided with Public Address System with Consoled at ground floor level.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 208/2014-15 DATE: 27/08/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.1 (G+9 pt) and Building No.3 (G+8 pt) On land bearing S.No. 159, H.No.3A, S.No.163, S.No.163, H.No.3&4, S.No.164, H.No.4 of village: Nilemore, Tal- Vasai, Dist- Palghar.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1037/2013-14, Dated: 03/07/2013.
2. An Application received from M/s Centroid Architectural & Engineering Consultant. Dated: 08/08/2013.
3. Built up area certificate received from M/s Centroid Architectural & Engineering Consultant. Dated:- 08/08/2013.
4. Revised R.D.P. Issued by VVCMC No. VVCMC/TP/RDP/VP- 225/0144/2013-14 Dated: - 10/07/2013.
5. Building construction work at present stage certificate M/s Centroid Architectural & Engineering Consultant. Dated:- 08/08/2013.
6. Gross built up area as per given submitted statement by an consultant 10351.33 & 5912.52 sq.mtrs. accordingly capitation & scrutiny fees of Rs.90,000 /-vide Receipt No-226316, Date 07/07/2014., Rs.90,000 /-vide Receipt No-226635, & Rs.4,50,000 /-vide Receipt No-226636,Date 02/07/2014.

Dear Sir,

M/s **Centroid Architectural & Engineering Consultant.**Consultant of the project has submitted the proposal for construction of rise **Residential Cum Commercial Building No.1 (G+9pt) and Residential Building No. 3 (G+8pt) On land bearing S.No. 159, H.No.3A, S.No.163, S.No.163, H.No.3&4, S.No.164, H.No.4 of village: Nilemore, Tal- Vasai, Dist- Palghar.**

The entire structure consists of **(G+9pt)** upper floor to the height of **29.90** meters & **Building No.3 (G+8 pt)** upper floor to the height of **25.65** meters as per the plans details. Construction Work of the above mentioned building **Building No.1** **RCC work Up to 9th floor is complited &** **Building No.3** **RCC work Up to 8th Floor is complited** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building **Building No.1** **RCC work Up to 9th floor is complited &** **Building No.3** **RCC work Up to 8th Floor is complited.** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircases is provided for the proposed building with the width of 1.2 & 1.5 meter in each wing of Building No-1&3.

2. **Suggestions for Staircase :-**

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

In Building No-3- wing A- one lift Wing B-Two Lifts Wing C- one Lift. & in Building No-1 for each Wing Two Lifts provided in the Building.

Suggestions for Lift :-

1. For each wing one lift is proposed as a fire lift

2. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width With emergency Switch on Ground level . The collapsible shutters shall not be provided
2. In case of fire , only fireman Shall operate the fire lift .in normal course ,it may be used by other persons.
3. Each fire lift Shall be equipped with suitable inter communication equipment for communicating with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:- for each Wing.

1.Fire Duct:-
Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-
Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-
One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers Cum Down comer:-
The entire Vertical riser cum down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The Vertical riser cum down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female
single hydrant.

5.Hose Box:-
15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-
External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-
One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground water tank :-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting

breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

15. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

16. Observation for Refuge Area :-

Refuge area for proposed Building No-1 &3 Is provided on 5th, floor.

17. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All materials required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 209/2014-15 DATE: 27/08/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building On land bearing S.No. 159, H.No.3A village: Nilemore, Tal- Vasai, Dist- Palghar.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1032/2013-14, Dated: 03/07/2013.
2. An Application received from M/s Centroid Architectural & Engineering Consultant. Dated: 08/08/2013.
3. Built up area certificate received from M/s Centroid Architectural & Engineering Consultant. Dated:- 08/08/2013.
4. Revised R.D.P. Issued by VVCMC No. VVCMC/TP/RDP/VP- 0290/0145/2013-14, Dated: 10/07/2013.
5. Building construction work at present stage certificate M/s Centroid Architectural & Engineering Consultant. Dated:- 08/08/2013.
6. Gross built up area as per given submitted statement by an consultant 3394.92 sq.mtrs. accordingly capitation & scrutiny fees of Rs.3,20,000 /-vide Receipt No-167119, Date-28/11/2011.D.D.No.015479 of Basin Catholic Bank.& Rs.90,000 /-vide Receipt No-226637, Date 02/07/2014.D.D.No.019369 of Basin Catholic Bank.

Dear Sir,

M/s **Centroid Architectural & Engineering Consultant.**Consultant of the project has submitted the proposal for construction of rise **Residential Cum Commercial Building On land bearing S.No. 159, H.No.3A village: Nilemore, Tal- Vasai, Dist- Palghar..**

The entire structure consists of **(G+9pt)** upper floor to the height of **29.70** meters as per the plans details. Construction Work of the above mentioned building **RCC work Up to 9th floor is complited** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building **RCC work Up to 9th floor is complited.** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircases is provided for the proposed building with the width of 1.2 & 1.5 meter in each wing of Building .

Revised

2. **Suggestions for Staircase :-**

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

In Building in wing A- Two lifts & Wing B-One Lift provided in the Building.

Suggestions for Lift :-

1. For each wing one lift is proposed as a fire lift

2. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width With emergency Switch on Ground level . The collapsible shutters shall not be provided
2. In case of fire , only fireman Shall operate the fire lift .in normal course ,it may be used by other persons.
3. Each fire lift Shall be equipped with suitable inter communication equipment for communicating with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:- for each Wing.

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers Cum Down comer:-

The entire Vertical riser cum down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The Vertical riser cum down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female
single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground water tank :-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

15. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

16. Observation for Refuge Area :-

Refuge area for proposed Building Is provided on 5th, floor .

17. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All materials required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected witph suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 210/2014-15 DATE: 27/08/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building (G+7) On land bearing S.No. 49, H.No.7B, of village: Waliv, Tal- Vasai, Dist- Palghar.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/1691/2014, Dated: 05/07/2014.
2. An Application received from M/s Centroid Architectural & Engineering Consultant. Dated: 15/05/2014.
3. Built up area certificate received from M/s Centroid Architectural & Engineering Consultant. Dated:- 15/05/2014.
4. Revised C.C. Issued by VVCMC No. VVCMC/TP/CC/VP- 5405/1565/2013-14, Dated: 06/09/2013.
5. Building construction work at present stage certificate M/s Centroid Architectural & Engineering Consultant. Dated:- 15/05/2014.
6. Gross built up area as per given submitted statement by an consultant 2015.653 sq.mtrs. accordingly capitation & scrutiny fees of Rs.1,20,000 /-vide Receipt No-187113, Date 15/05/2014.

Dear Sir,

M/s **Centroid Architectural & Engineering Consultant.**Consultant of the project has submitted the proposal for construction of rise **Residential Cum Commercial Building (G+7) On land bearing S.No. 49, H.No.7B, of village: Waliv, Tal- Vasai, Dist- Palghar.**

The entire structure consists of **wing A- St+7 & wing B -Gr. +2** upper floor to the height of **24.00** meters as per the plans details. Construction Work of the above mentioned building **wing A upto plinth Level & wing B up to 1st slab** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building **wing A upto plinth Level & wing B up to 1st slab.** Applicant had obtained RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircases is provided for the proposed building with the width of 1.2 & 1.5 meter in wing A & Two staircases is provided for the proposed building with the width of 1.2 & 1.5 meter in wing B upto first floor of Building .

Received

2. **Suggestions for Staircase :-**

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

In Building in wing A- Two lifts & Wing B-One Lift provided in the Building.

Suggestions for Lift :-

1. For each wing one lift is proposed as a fire lift

2. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width With emergency Switch on Ground level . The collapsible shutters shall not be provided
2. In case of fire , only fireman Shall operate the fire lift .in normal course ,it may be used by other persons.
3. Each fire lift Shall be equipped with suitable inter communication equipment for communicating with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:- for each Wing.

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers Cum Down comer:-

The entire Vertical riser cum down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The Vertical riser cum down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female
single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground water tank :-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

15. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

16. Observation for Refuge Area :-

Refuge area for proposed Building Is provided on 5th, floor in Wing A.

17. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All materials required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE Dist. Thane.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT

Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 212/2014-15 DATE : 02/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential with Shopline Building No.3 Wing B in Sector No.VI, on Land bearing S.No.49,50,51,52,53,54,55,56 & 77 village : Achole, Tal - Vasai, Dist-Thane.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M.C/T.P/ 2243/2014 Dated: 22/08/2014.
2. An Application received from M/s – En Con Project Consultants, Dated:- 29/07/2014.
3. Built up area certificate Ref No. VP-0127(BP-687)/2037 of M/s – En Con Project Consultants,Dated :- 29/07/2014
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0127/0131/2013-14, dated : 29/06/2013.
5. Building construction work at present stage certificate Ref No. VP-0127(BP-687)/2057 of M/s En Con Project Consultants, dated – 29/07/2014
6. Built up area as per given submitted statement by an consultant 2406.99 sq.mtrs. accordingly capitation & scrutiny fees of Rs. 1,00,000/- vide Receipt No – 226654 Date : 03/07/2014. D.D.No -478192 Bank Of Badoda.& Rs. 2,40,000/- vide Receipt No – 226655, Date : 03/07/2014. D.D.No -478194 Bank Of Badoda.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of Residential Cum commercial Building No.3 Wing B in Sector No.VI, on Land bearing S.No. 49, 50, 51, 52, 53, 54,55,56 & 77 village : Achole, Tal – Vasai, Dist – Palghar.

The entire structure consists of **St/Gr+12**, in Sector VI upper to height of **38.15** meters as per the plans details. Construction Work of the above mentioned buildings **RCC work completed up to 13th slab** as per Ref No.5 Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life Safety Measures adhering to National Building Code-2005.& Maharashtra Fire Prevention and Life Safety Measures Act, 2006. At Present stage construction work of the above mention buildings **RCC work completed up to 13th slab.** Applicant had obtained RDP too, while taking into consideration of these facts this department is issuing the Provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter.out of two Staircase one Staircase is proposed as fire Escape Staircase.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.

2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 2 Lift provided in the Building. out of both Lift one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for fire fighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

19 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

20. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building No.3 wing B Is provided on 8th, floor.

21. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT

Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 213/2014-15 DATE : 02/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential Cum commercial Building No.4A Wing A&B in Sector No.III, on Land bearing S.No.49,50,51,52,53,54,55,56 & 77 village : Achole, Tal - Vasai, Dist- Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M.C/ T.P/2211/2014 Dated : 21/08/2014.
2. An Application received from M/s – En Con Project Consultants, Dated:- 29/07/2014.
3. Built up area certificate Ref No. VP-0127(BP-687)/2053 M/s – En Con Project Consultants, Dated :- 29/07/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0127/0131/2013-14, dated : 29/06/2013.
5. Building construction work at present stage certificate Ref No. VP-0127(BP-687)/2062 of M/s En Con Project Consultants, dated – 29/07/2014
6. Built up area as per given submitted statement by an consultant 10517.05 sq.mtrs. accordingly capitation & scrutiny fees of Rs. 2,00,000/- vide Receipt No – 226677 Date : 04/07/2014. D.D No.531113 of Union Bank & Rs. 4,80,000/- vide Receipt No – 226678, Date : 04/07/2014. D.D No.531112 of Union Bank.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential with Shopline Building No.4A Wing A & B in Sector No.III, on Land bearing S.No. 49, 50, 51, 52, 53, 54,55,56 & 77 village : Achole, Tal – Vasai, Dist – Palghar.**

The entire structure consists of **St/Gr+12**, in Sector VI upper to height of **38.15** meters as per the plans details. Construction Work of the above mentioned buildings **RCC work completed up to 9th slab of wing A & RCC work completed up to 10th slab of wing B** as per Ref No.5 Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life Safety Measures adhering to National Building Code-2005.& Maharashtra Fire Prevention and Life Safety Measures Act, 2006. At Present stage construction work of the above mention buildings **RCC work completed up to 9th slab of wing A & RCC work completed up to 10th slab of wing B.** Applicant had obtained RDP too, while taking into consideration of these facts this department is issuing the Provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 45 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.5 meter for each Wing A,& B.out of two Staircase one Staircase is proposed as fire Escape Staircase

2.Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 2 Lift provided in the Building for Wing A &B. out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for fire fighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

19 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

20. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building No.4A sec III in each wing A & B Is provided on 8th, floor.

21. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.

3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

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VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT

Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 214/2014-15 DATE : 02/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential Cum commercial Building No.3 Wing A in Sector No.VI, on Land bearing S.No.49,50,51,52,53,54,55,56 & 77 village : Achole, Tal - Vasai, Dist-Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./ 2242/2014. Dated: - 22/08/2014.
2. An Application received from M/s – En Con Project Consultants, Date:- 29/07/2014.
3. Built up area certificate Ref No. VP-0127(BP-687)/2035 of M/s – En Con Project Consultants, Date :- 29/07/2014
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0127/0131/2013-14, dated : 29/06/2013.
5. Building construction work at present stage certificate Ref No. VP-0127(BP-687)/2056 of M/s En Con Project Consultants, dated – 29/07/2014
6. Built up area as per given submitted statement by an consultant 2406.99 sq.mtrs. accordingly capitation & scrutiny fees of Rs. 1,00,000/- vide Receipt No – 226810 Date : 05/07/2014.& Rs. 2,40,000/- vide Receipt No – 226809, Date : 05/07/2014.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of Residential Cum commercial Building No.3 Wing A in Sector No.VI, on Land bearing S.No. 49, 50, 51, 52, 53, 54,55,56 & 77 village : Achole, Tal – Vasai, Dist – Palghar.

The entire structure consists of **St/Gr+12**, in Sector VI upper to height of **38.15** meters as per the plans details. Construction Work of the above mentioned buildings **RCC work completed up to 13th slab** as per Ref No.5 Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life Safety Measures adhering to National Building Code-2005.& Maharashtra Fire Prevention and Life Safety Measures Act, 2006. At Present stage construction work of the above mention buildings **RCC work completed up to 13th slab.** Applicant had obtained RDP too, while taking into consideration of these facts this department is issuing the Provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter.out of two Staircase one Staircase is proposed as fire Escape Staircase.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.

2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 2 Lift provided in the Building. out of both Lift one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for fire fighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

19 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

20. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building No.3 wing A Is provided on 8th, floor.

21. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT

Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 215/2014-15 DATE : 02/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.4 Wing A TO E in Sector No.VI, on Land bearing S.No.49,50,51,52,53,54,55,56 & 77 village : Achole, Tal - Vasai, Dist-Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.MC./ T.P./2210/2014. Dated : 21/08/2014.
2. An Application received from M/s – En Con Project Consultants, Dated:- 29/07/2014.
3. Built up area certificate Ref No. VP-0127(BP-687)/2047 of M/s – En Con Project Consultants, Dated :- 29/07/2014
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0127/0131/2013-14, dated : 29/06/2013.
5. Building construction work at present stage certificate Ref No. VP-0127(BP-687)/2054 of M/s En Con Project Consultants, dated – 29/07/2014
6. Built up area as per given submitted statement by an consultant 14106.38 sq.mtrs. accordingly capitation & scrutiny fees of Rs. 5,00,000/- vide Receipt No – 226836 Dated : 14/07/2014. D.D No. 140180 of Ratnakar Bank & Rs. 12,00,000/- vide Receipt No – 226837, Date : 14/07/2014. D.D No. 140179 of Ratnakar Bank.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential Cum Commercial Building No.4 Wing A TO E in Sector No.VI, on Land bearing S.No. 49, 50, 51, 52, 53, 54,55,56 & 77 village : Achole, Tal – Vasai, Dist – Thane.**

The entire structure consists of **St/Gr+12**, in Sector VI upper to height of **38.15** meters as per the plans details. Construction Work of the above mentioned buildings **RCC work completed up to 13th slab** as per Ref No.5 Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life Safety Measures adhering to National Building Code-2005.& Maharashtra Fire Prevention and Life Safety Measures Act, 2006. At Present stage construction work of the above mention buildings **RCC work completed up to 13th slab.** Applicant had obtained RDP too, while taking into consideration of these facts this department is issuing the Provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 45 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.5 meter for each Wing A,C&E.out of two Staircase in each wing one Staircase is proposed as fire Escape Staircase.& Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter for each Wing B&D.out of two Staircase in each wing one Staircase is proposed as fire Escape Staircase.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 2 Lift provided in the Building for each Wing A,B,C,D&E. out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for fire fighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

19.PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

20. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building No.4 sec III in each wing A ,B,C,D&E Is provided on 8th, floor.

21. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.

3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

2/9/2014

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT

Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 216/2014-15 DATE : 02/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential Building No.4 on Land bearing S.No.32 H.No.3,4,5,6,7,8,9;S.No.33A,H.No.3;S.No.64,H.No.1,2,3,4,5A,5B,10,11& 12 ;S.No.65 H.No. 4; S.No.66 H.No.7,10,11,12,&13 village : Barampur, Tal - Vasai, Dist-Palghar..

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./ 2241/ 2014/ Dated :- 22/08/2014.
2. An Application received from M/s – En Con Project Consultants, Dated:- 19/08/2014.
3. Built up area certificate Ref.No.VP-0115/100 of M/s – En Con Project Consultants, Date :- 19/08/2014
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0115/0100/2013-14, dated :14/06/2013.
5. Building construction work at present stage certificate Ref No. VP- 0115/101 of M/s En Con Project Consultants, dated – 19/08/2014.
6. Built up area as per given submitted statement by an consultant 1684.97 sq.mtrs. accordingly capitation fees of Rs. 1,20,000/- vide Receipt No – 226897 Date : 21/08/2014.D.D.No-0602203 Of Basin Catholic Bank.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential Building No.4 on Land bearing S.No.32 H.No.3,4,5,6,7,8,9 ; S.No. 33A H.No.3; S.No.64 H.No.1,2,3,4,5A,5B,10,11 & 12; S.No.65 H.No. 4; S.No.66 H.No.7,10,11,12,&13 village : Barampur, Tal - Vasai, Dist-Palghar.**

The entire structure consists of Stilt+7 upper to height of **22.65** meters as per the plans details Construction Work of the above mentioned building is completed up to **7th slab** as per Ref No.5. Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **7th slab** .Applicant had obtained RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called). .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 45 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase: - (According to Plan)

1. Two staircases is provided for the proposed building with the width of 1.5 meter & 1.2 meter.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift: - (According to Plan)

1. 1 Lift provided in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs.it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions :-

1.Fire Duct :-

Each floor level fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers/ down comer main and diameters of the hose reel shall not be less than 19mm with Is 884,1985.

4.Down comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head Water tank:-

A separate 25000 litters over head water Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

10. Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

11. Manual Operating electric Fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNCIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department.

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org.

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VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT

Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 217/2014-15 DATE : 02/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential cum commercial Building No.3 Wing C in Sector No.VI, on Land bearing S.No.49,50,51,52,53,54,55,56 & 77 village : Achole, Tal - Vasai, Dist-Thane.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M.C/T.P / 2244/2014. Date : 22/08/2014.
2. An Application received from M/s – En Con Project Consultants, Date:- 29/07/2014.
3. Built up area certificate Ref No. VP-0127(BP-687)/2039 of M/s – En Con Project Consultants, Date :- 29/07/2014
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0127/0131/2013-14, dated : 29/06/2013.
5. Building construction work at present stage certificate Ref No. VP-0127(BP-687)/2058 of M/s En Con Project Consultants, dated – 29/07/2014
6. Built up area as per given submitted statement by an consultant 3392.63 sq.mtrs. accordingly capitation & scrutiny fees of Rs. 1,00,000/- vide Receipt No – 226875 Date : 08/08/2014. D.D No. 035251 of PMC Bank & Rs. 2,40,000/- vide Receipt No – 226875, Date : 08/08/2014. D.D No. 035252 of PMC Bank.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of Residential Cum commercial Building No.3 Wing C in Sector No.VI, on Land bearing S.No. 49, 50, 51, 52, 53, 54,55,56 & 77 village : Achole, Tal – Vasai, Dist – Palghar.

The entire structure consists of **St/Gr+12**, in Sector VI upper to height of **38.15** meters as per the plans details. Construction Work of the above mentioned buildings **RCC work completed up to 13th slab** as per Ref No.5 Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life Safety Measures adhering to National Building Code-2005.& Maharashtra Fire Prevention and Life Safety Measures Act, 2006. At Present stage construction work of the above mention buildings **RCC work completed up to 13th slab.** Applicant had obtained RDP too, while taking into consideration of these facts this department is issuing the Provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter.out of two Staircase one Staircase is proposed as fire Escape Staircase.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 2 Lift provided in the Building. out of both Lift one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for fire fighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

19 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

20. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building No.3 wing C Is provided on 8th, floor.

21. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.

5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT

Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 218 /2014-15 DATE : 02/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commertial Building No.4 Wing A,B & C in SectorNo.III, on Land bearing S.No.49,50,51,52,53,54,55,56 & 77 village : Achole, Tal - Vasai, Dist-Thane.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M.C/ T.P/2208/2014. Dated : 21/08/2014.
2. An Application received from M/s – En Con Project Consultants, Dated:- 29/07/2014.
3. Built up area certificate Ref No. VP-0127(BP-687)/2051 OF M/s – En Con Project Consultants,Dated :- 29/07/2014
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0127/0131/2013-14 dated 29/06/2013 & VVCMC/TP/RDP/VP-127/024/2014-15 dated 28/04/2014.
5. Building construction work at present stage certificate Ref No. VP-0127(BP-687)/2063 of M/s En Con Project Consultants, dated – 29/07/2014
6. Built up area as per given submitted statement by an consultant 6696.86 sq.mtrs. accordingly capitation & scrutiny fees of Rs. 2,60,000/- vide Receipt No – 226824 Date : 07/07/2014. D.D No-004511 Of Kamol Bank.& Rs. 6,80,000/- vide Receipt No – 226825, Date : 07/07/2014. D.D No-004512 Of Kamol Bank.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential Cum Commertial Building No.4 Wing A B & C in Sector No.III, on Land bearing S.No. 49, 50, 51, 52, 53, 54,55,56 & 77 village : Achole, Tal – Vasai, Dist – Thane.**

The entire structure consists of **St/Gr+12**, in Sector VI upper to height of **38.15** meters as per the plans details. Construction Work of the above mentioned buildings **RCC work completed up to 13th slab** as per Ref No.5 Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life Safety Measures adhering to National Building Code-2005.& Maharashtra Fire Prevention and Life Safety Measures Act, 2006. At Present stage construction work of the above mention buildings **RCC work completed up to 13th slab.** Applicant had obtained RDP too, while taking into consideration of these facts this department is issuing the Provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 45 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter for each Wing A,B&C.out of two Staircase in each wing one Staircase is proposed as fire Escape Staircase.& One staircase is provided for the proposed building with the width of 1.5 meter in for Wing B up to first floor for commercial part .

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 2 Lift provided in the Building for each Wing A,B&C. out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for fire fighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. D. G. SET :-

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

19 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

20. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building No.4 sec III in each wing A ,B&C Is provided on 8th. floor.

21. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.

3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT
Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 224/2014-15 DATE : 10/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential Cum commercial Building No.4 on Land bearing S.No.14 H.No.4/1, 4/2A, 4/2B, 4/4 & 4/5 village Diwanman Tal - Vasai, Dist-Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M.C/NR/2414/2014. Dated- 10/09/2014.
2. An Application received from M/s – En Con Project Consultants, Date:- 04/09/2014.
3. Built up area certificate received from M/s – En Con Project Consultants, Date :- 04/09/2014
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0503/0186/2013-14, dated : 19/07/2013.
5. Building construction work at present stage certificate Ref No. VP-0503/60 of M/s En Con Project Consultants, dated – 04/09/2014
6. Built up area as per given submitted statement by an consultant 3789.11 sq.mtrs. accordingly capitation & scrutiny fees of Rs. 1,00,000/- vide Receipt No – 265611 Date : 06/09/2014.& Rs. 2,40,000/- vide Receipt No – 265612, Date : 06/09/2014. DD.No. 011130 & 011131 of HDFC bank.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of Residential Cum commercial Building No.4 on Land bearing S.No.14 H.No.4/1, 4/2A, 4/2B, 4/4 & 4/5 village Diwanman Tal - Vasai, Dist-Palghar.

The entire structure consists of **Gr+12**, in Sector VI upper to height of **38.15** meters as per the plans details. Construction Work of the above mentioned buildings **RCC work completed up to 13th slab** as per Ref No.5 Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life Safety Measures adhering to National Building Code-2005.& Maharashtra Fire Prevention and Life Safety Measures Act, 2006. At Present stage construction work of the above mention buildings **RCC work completed up to 13th slab.** Applicant had obtained RDP too, while taking into consideration of these facts this department is issuing the Provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 45 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter .out of two Staircase in each wing one Staircase is proposed as fire Escape Staircase.

Thakri

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 2 Lift provided in the Building. out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for fire fighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

17. PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

18. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building No.4 Is provided on 8th, floor.

19. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 233/2014-15 DATE: 10/09/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Educational building no.3 in Plot B in Complex named ' Viva Institute of Technology' on land Bearing S.No. 262(P), S.No.285, H.No.4(P), 5,6,7,8,10,11,12; S.No. 286(P) of Village: Shirgaon,Tal-Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2362/2014, Date:05/09/2014.
2. An Application received from M/s .En Con Consultants, Date: 05/09/2014.
3. Built up area certificate received from M/s .En Con Consultants, Date:30/08/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0711/0244/2012-13 Dated: 26/03/2012.&
5. Building construction work at present stage certificate Ref. No.VP-0711/64 of M/s .En Con Consultants, Date: 30/08/2014.
6. Gross built up area as per given submitted statement by an consultant **Educational building no.3 in Plot B in Complex named ' Viva Institute of Technology'** is 3248.16 sq.mtrs,. Accordingly capitation & scrutiny fees of Rs.4,75,000/- vide Receipt No. 226895 & Rs. 4,75,000/- vide Receipt No. 226896. Dated:21/08/2014.

Dear Sir,

M/s En Con Consultant of the project has submitted the proposal for construction of **Educational building no.3 in Plot B in Complex named ' Viva Institute of Technology of Village: Shirgaon,Tal-Vasai, Dist- Palghar.**

The entire structure consists **of Educational building no.3 in Plot B in Complex named ' Viva Institute of Technology) Ground floor + 5 to the height of 22.05 meters** as per the plans details. Construction Work of the above mentioned building is completed up to **The 6th Slab level (terrace slab) Completed & other Wotk are in progress.** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **Educational building no.3 in Plot B in Complex named ' Viva Institute of Technology Ground floor + 5 The 6th Slab level (terrace slab) Completed & other Work are in progress.** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 2 meter in Educational building no.3.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

One Lifts provided for Educational Building Educational building no.3, Lifts provided for in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-1349. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 10000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrants out let of the down comer.

10.Deisel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by Pump is case failure normal electric supply.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 234/2014-15 DATE: 10/09/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Thane.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Work Shop (bldg. no.2) in Plot B in Complex named ' Viva Institute of Technology' on land Bearing S.No. 262(P), S.No.285, H.No.4(P), 5,6,7,8,10,11,12; S.No. 286(P) of Village: Shirgaon,Tal-Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2361/2014, Date:05/09/2014.
2. An Application received from M/s .En Con Consultants, Date: 05/09/2014.
3. Built up area certificate received from M/s .En Con Consultants, Date:30/08/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0711/173/2011-12 Dated: 03/01/2012.&
5. Building construction certificate Ref. No.VP-0711/61 of M/s .En Con Consultants, Date: 30/08/2014.
6. Gross built up area as per given submitted statement by an consultant **Work Shop (bldg. no.2)** is 1800.00 sq.mtrs,. accordingly capitation & scrutiny fees of Rs.85,000/- vide Receipt No226891 & Rs.85,000/- vide Receipt No. 226892.

Dear Sir,

M/s En Con Consultant of the project has submitted the proposal for construction of **Work Shop (bldg. no.2) in Plot B in Complex named ' Viva Institute of Technology of Village: Shirgaon, Tal-Vasai, Dist- Thane.**

The entire structure consists **of Work Shop (bldg. no.2 in Plot B in Complex named ' Viva Institute of Technology) Ground floor + Mezzanine to the height of 7.90 meters** as per the plans details. Construction Work of the above mentioned building is completed up to **The works are is Completed in all respects** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **Work Shop (bldg. no.2 in Plot B in Complex named ' Viva Institute of Technology) Ground floor + Mezzanine The works are is Completed in all respects** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building in Work Shop bldg. no.2

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Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

2. 2 Lifts provided for Educational Building Work Shop (bldg. no.2 Lifts provided for in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct Shown in Wing A & B should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-1349. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 5000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrants out let of the down comer.

10.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 235/2014-15 DATE: 10/09/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.3 (Wing G & H) in sector no VI on S.No. 51,52,53,54,55,56, & 77 of Village: Achole ,Tal-Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2368/2014, Date:06/09/2014.
2. An Application received from M/s .En Con Consultants, Date: 06/09/2014.
3. Built up area certificate received from M/s .En Con Consultants, Date:29/07/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-127/013/2013-14 Dated:29/06/2013.
5. Building construction work at present stage certificate Ref. No.VP-0127/(BP-687)/2061 of M/s .En Con Consultants, Date: 29/07/2014.
6. Gross built up area as per given submitted statement by an consultant **Residential Cum Commercial Building No.3 (Wing G & H)** is **5550.74** sq.mtrs,. accordingly capitation & scrutiny fees of Rs.3,20,000/- vide Receipt No. 226877 & Rs. 7,30,000/- vide Receipt No. 226878. Dated:08/08/2014.

Dear Sir,

M/s En Con Consultant of the project has submitted the proposal for construction of **Residential Cum Commercial Building No.3 (Wing G & H) in sector no on S.No. 51,52,53,54,55,56, & 77 of Village: Achole ,Tal-Vasai, Dist- Palghar.**

The entire structure consists **of Residential Cum Commercial Building No.3 (Wing G & H) in sector no VI Stilt/Ground floor +14 to the height of 43.85 meters** as per the plans details. Construction Work of the above mentioned building is completed up to **The RCC work is completed upto 15th Slab level (Terrace slab) & other works in progress.** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **Residential Cum Commercial Building No.3 (Wing G & H) Stilt/ Ground floor + 14 The_The RCC work is completed upto 15th Slab level (Terrace slab) & other works in progress.** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter in Residential Cum Commercial Building No.3 (Wing G & H). out of two Staircase in each wing one Staircase is proposed as fire Escape Staircase.

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Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

1. 2 Lifts provided for Educational Building Residential Cum Commercial Building No.3 (Wing G & H) Lifts provided for in the Building. out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of automatic fire alarm system.

17. PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

18. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed **Building No.3 (Wing G & H)** each wing is provided on 8th, floor.& 12th floor.

19. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 236/2014-15 DATE: 10/09/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.3 (Wing F) in sector no VI on S.No. 51,52,53,54,55,56, & 77 of Village: Achole ,Tal-Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2369/2014, Date:06/09/2014.
2. An Application received from M/s .En Con Consultants, Date: 06/09/2014.
3. Built up area certificate received from M/s .En Con Consultants, Date:29/07/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-127/013/2013-14 Dated:29/06/2013.
5. Building construction work at present stage certificate Ref. No.VP-0127/(BP-687)/2060 of M/s .En Con Consultants, Date: 29/07/2014.
6. Gross built up area as per given submitted statement by an consultant **Residential Cum Commercial Building No.3 (Wing F)** is 3952.74 sq.mtrs,. accordingly capitation & scrutiny fees of Rs.2,00,750/- vide Receipt No. 226870 & Rs. 88,000/- vide Receipt No. 226871.& Rs. 1,64,250/- vide Receipt No. 226872 & Rs. 72,000/- vide Receipt No. 226873..Dated:06/08/2014.

Dear Sir,

M/s En Con Consultant of the project has submitted the proposal for construction of **Residential Cum Commercial Building No.3 (Wing F) in sector no VI of Village: Achole,Tal-Vasai, Dist-Palghar.**

The entire structure consists **of Residential Cum Commercial Building No.3 (Wing F) in sector no VI Gr/st/14 to the height of 43.85 meters** as per the plans details. Construction Work of the above mentioned building is completed up to **The 15th Slab level Completed & other Work in progress.** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **Residential Cum Commercial Building No.3 (Wing F) Stilt/ Ground floor + 14 The RCC Wotk is Completed upto 15th Slab level (Terrace Slab) & other work in progress.** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter in Residential Cum Commercial Building No.3 (Wing F). out of two Staircase in each wing one Staircase is proposed as fire Escape Staircase.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

1. 2 Lifts provided for Educational Building Residential Cum Commercial Building No.3 (Wing F) Lifts provided for in the Building. out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for fire fighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

17 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

18. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed **Building No.3 Wing F** each wing is provided on 8th, floor.& 12th floor.

19. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.

4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT
Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 237/2014-15 DATE : 10/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential building 1 Wing A TO D on Land bearing S.No. 50 H.No. 4 of Village Waliv, Tal – Vasai, Dist – Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./1763/2014 Date : 10 /07/2014.
2. An Application received from M/s – En Con Project Consultants, Date:- 30/06/2014.
3. Built up area certificate received from M/s – En Con Project Consultants, Date :- 30/06/2014.
4. C.C Issued by VVCMC/TP/CC/VP-0140/2121/2011-12, dated : 21/01/2012.
5. Building construction work at present stage certificate Ref No. VP-0140/24 of M/s En Con Project Consultants, dated – 30/06/2014.
6. Built up area as per given submitted statement by an consultan 6080.49sq.mtrs. accordingly capitation fees of Rs. 4,80,000/- vide Receipt No – 226651 Dated : 03/07/2014.D.D NO-439271 Of federal Bank.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential Building 1 Wing A TO D on Land bearing S.No. 50 H.No.4 village : Waliv, Tal – Vasai, Dist – Palghar.**

The entire structure consists of Gr+7 upper floor to the height of **22.65** meters as per the plans details. Construction Work of the above mentioned building is **completed up to 5th slab** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **completed up to 5th slab**. Applicant had obtained CC too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.2 meter in wing A &B.& both wing connected to each other by corridor on each floor. & One staircase is provided for the proposed building with the width of 1.2 meter in wing C & D.& both wing connected to each other by corridor on each floor.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 1 Lift provided for Wing A,B,C & D in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-1349. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down comer :-

The entire **Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

10.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

11. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed **Building 1 Wing A TO D** each wing is provided on 5th, 6th & 7th floor.

12. Suggestion Refuge Area :-

For building refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

13. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org.

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT

Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 238/2014-15 DATE : 10/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial Building No.1 Wing A ,B& C & Residential Building No.3 Wing A &B on Land bearing S.No.88A, 369B/3. & 4 H.No.1,2&4 (Plot A1) village : -Bolinj, Tal - Vasai, Dist-Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.MC./ T.P./1764/2014. Dated : 10/07/2014.
2. An Application received from M/s – En Con Project Consultants, Dated:- 30/06/2014.
3. Built up area certificate Ref No. VP-0689/226 of M/s – En Con Project Consultants, Dated :- 30/06/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0689/0121/2013-14, dated : 28/06/2013.
5. Building construction work at present stage certificate Ref No. VP-0689/230 & Ref No. VP-0689/230 of M/s En Con Project Consultants, Dated-21/07/2014.
6. Built up area as per given submitted statement by an consultant **Building No.1 Wing A ,B& C- 10030.81 sq.mtrs**. accordingly capitation & scrutiny fees of Rs. 9,75,000/- vide Receipt No – 105258 Dated : 24/05/2013. D.D No. 629167 of Oriental Bank of commers & Rs. 3,60,000/- vide Receipt No – 105259, D.D No. 629168 of Oriental Bank of commers Dated : 24/05/2013 , Rs. 1,20,000/- vide Receipt No – 105260, D.D No. 629169 of Oriental Bank of commers Dated : 24/05/2013& Rs. 1,20,000/- vide Receipt No – 105261, D.D No. 629170 of Oriental Bank of commers Dated : 24/05/2013

Built up area as per given submitted statement by an consultant **Building No.3 Wing A &B- 9057.22 sq.mtrs**. accordingly capitation & scrutiny fees of Rs. 6,50,000/- vide Receipt No – 105262 Dated : 24/05/2013. D.D No. 629171 of Oriental Bank of commers , Rs. 2,40,000/- vide Receipt No – 105263 Dated : 24/05/2013. D.D No. 629172 of Oriental Bank of comers, Rs. 40,000/- vide Receipt No – 105264 Dated : 24/05/2013. D.D No. 629173 of Oriental Bank of comers & Rs. 40,000/- vide Receipt No – 105265 Dated : 24/05/2013. D.D No. 629174 of Oriental Bank of comers.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential Cum Commercial Building No.1 Wing A ,B& C & Residential Building No.3 Wing A &B on Land bearing S.No.88A, 369B/3. & 4 H.No.1,2&4 (Plot A1) village : -Bolinj, Tal - Vasai, Dist-Palghar.**

The entire **Building No.1 Wing A ,B& C** structure consists of **St/Gr/Podium +14**, upper to height of **46.70** & **Building No.3 Wing A & B** structure consists of **St +14** upper to height of **43.85** meters as per the plans details. Construction Work of the above mentioned buildings **Building No.1 Wing A ,B& C RCC work completed up to 1st slab** & **Building No.3 Wing A &B RCC work completed up to 15th slab** as per Ref No.5 . Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life Safety Measures adhering to National Building Code-2005.& Maharashtra Fire Prevention and Life Safety Measures Act, 2006. At Present stage construction work of the above mention buildings **Building No.1 Wing A ,B& C RCC work completed up to 1st slab** & **Building No.3 Wing A &B RCC work completed up to 15th slab.** Applicant had obtained RDP too, while taking into consideration of these facts this department is issuing the Provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for fire fighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

17 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

18. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed **Building No.1 Wing A ,B& C** & **Building No.3 Wing A &B** each wing is provided on 8th, floor.& 12th floor.

19. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or

वसई-विरार, शहर महानगरपालिका
अग्निशमन व आणीबाणी सेवा
मुख्य कार्यालय, विरार (पूर्व), ता. वसई, जि.ठाणे.

दुरध्वनी क्रमांकः- ०२५०-२५२१०१/०२/०३/०४/०५/०६

जा.क्र./वविश/मनपा/अग्नि/ 238/2014-15 दिनांकः- 10/07/2014

प्रति,

मा. उपसंचालक सो
नगररचना विभाग
वसई-विरार शहर महानगरपालिका

विषय :- १५ मी पेक्षा अधिक उंची असलेल्या रहिवासी इमारतीच्या / तसेच औद्योगिक, लॉजिंग बोर्डिंग, शाळा, कॉलेज परवानगीसाठी अग्निशमन अधिकाऱ्याचा अभिप्राय मिळणे बाबत.

संदर्भ :- जा.क्र.: व.वि.श.म/न.र./ १७६४/२०१४, दिनांक १०/०७/२०१४ रोजीचे पत्र.

महोदय,

उपरोक्त संदर्भित विषयांकित पत्रानुसार वसई विरार उपप्रदेशाच्या मंजुर विकास नियंत्रण नियामावली नुसार वास्तूविशारद / विकासक मेसर्स-एनकॉन कंन्स./ पंकज पारिख यांना प्रस्तावित VP No. 689 नकाशामधील इमारत क्र.१ विंग (A) चे बांधकाम करण्यासाठी आपणांकडून (G+7) मजले करीता परवानगी (सी.सी.) देण्यात आलेली असुन त्यांना सदर जागेवर (G+14) मजले करीता बांधकाम करणे करीता या विभागाकडील अभिप्राय देणेबाबत आपल्याकडून प्रस्ताव वर्ग करण्यात आलेला होता.

त्यानुसार महाराष्ट्र आग प्रतिबंधक व जीवसंरक्षक उपाययोजना अधिनियम २००६ च्या तरतुदींच्या अधिन राहून या विभागाकडून त्यांच्या (G+14) मजले इमारती करीता प्रोव्हिजनल एन.ओ.सी. देण्यात आलेली असुन प्लॅन ॲप्रोव्हल करुन देण्यात आलेला आहे.

तरी प्रोव्हिजनल एन.ओ.सी. देण्यात आलेल्या तरतुदींच्या आधिन राहून त्यांना पुढील बांधकाम परवानगी देण्याकरीता प्रस्ताव आपणांकडे पाठविण्यात येत आहे.

नामनिर्देशित अधिकारी
अग्निशमन व आणीबाणी सेवा
वसई-विरार शहर महानगरपालिका

प्रत- वास्तूविशारद / विकासक मेसर्स-एनकॉन कंन्स./ पंकज पारिख

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT
Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 242/2014-15 DATE : 17/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Mur cipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Con struction Industrial building on Land bearing S.No. 104, H.No. A/1, Plot No.91,of Village- Dhovali, Tal–Vasai, Dist–Palghar.

Ref :- 1. A l etter from Deputy Director Town Planning No. V.V.C.M./1378/2014 Date : 21/06/2014.
2. An Application received from M/s–nirman Architects, Date:- 19/06/2014.
3. Built up area certificate received from M/s–nirman Architects, Date:- 19/06/2014.
4. C.C Issued by VVCMC/TP/CC/VP-05304/3526/2013-14, dated : 12/03/2014.
5. Building construction work at present stage certificate nirman Architects, Date:- 30/08/2014.
6. Built up area as per given submitted statement by an consultant 373.29 sq.mtrs. Accordingly capitation fees of Rs. 80,000/- vide Receipt No–226879 Dated : 12/08/2014.D.D NO-266406 Of SBI Bank.

Dear Sir,

M/s – nirman Architects Project Consultant of the Project has submitted the proposal for construction of **Industrial building on Land bearing S.No. 104,H.No. A/1, Plot No.91,of Village- Dhovali, Tal–Vasai, Dist- Palghar.**

The entire structure consists of Gr+2 pt upper floor to the height of **15.80** meters as per the plans details. Construction Work of the above mentioned building is **completed up to 1st slab level** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **completed up to 1st slab level.** Applicant had obtained CC too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIREC TIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.5 meter in **Industrial building.**

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-1349. & also in Electric meter room, lift machine room at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down comer :-

The entire **Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 10000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrants out let of the down comer.

10.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

11. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.

6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

17/9/2019

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org.

FIRE
BRIGADE

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT
Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 243/2014-15 DATE : 17/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction CFC Hall building on Land bearing S.No. 46A, H.No. 1 of Village- Shirsad, Tal – Vasai, Dist – Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./1468/2014 Date : 26/06/2014.
2. An Application received from M/s – SS Jain & Associates, Date:- 04/09/2014.
3. Built up area certificate received from M/s – SS Jain & Associates, Date:- 04/09/2014.
4. C.C Issued by VVCMC/TP/CC/VP-05266/2132/2013-14, dated : 18/11/2013.
5. Building construction work at present stage certificate M/s – SS Jain & Associates, Date:- 04/09/2014.
6. Built up area as per given submitted statement by an consultant 520.96 sq.mtrs. Accordingly capitation fees of Rs. 80,000/- vide Receipt No – 187180 Dated : 25/06/2014.D.D NO-121809 Of Corporation Bank.

Dear Sir,

M/s – SS Jain & Associates Project Consultant of the Project has submitted the proposal for construction of **CFC Hall building on Land bearing S.No. 46A,H.No. 1 of Village- Shirsad, Tal – Vasai, Dist – Palghar**

The entire structure consists of Gr+1 upper floor to the height of **7.20** meters as per the plans details. Construction Work of the above mentioned building is **completed up to 1st slab level** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **completed up to 1st slab level.** Applicant had obtained CC too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 3 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. One staircase is provided for the proposed building with the width of 2 meter in CFC Hall building.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the

Received

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-1349. & also in Electric meter room,at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down comer :-

The entire **Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 15000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrants out let of the down comer.

10.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

11. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.

6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org.

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 244/2014-15 DATE: 20/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist- Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Sector-IV, Residential Building No.3 (Wing C&D) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Palghar.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2543/2014, Date:19/09/2014
2. An Application received from M/s – Sanat Mehta & Associates . Date 09/09/2014.
3. Built up area certificate received from certificate Ref No. SMA/594/164D/14 M/s Sanat Mehta & Associates. Date 09/09/2014.
4. R.D.P Issued by VVCMC/TP/RDP/VP-0111/0200/2012-13, Dated:22/02/2013.
5. Building construction work at present stage certificate Ref No. SMA/592/164D/14 of M/s Sanat Mehta & Associates. Date 09/09/2014.
6. Gross built up area as per given submitted statement by an consultant 2800.73 sq.mtrs. accordingly capitation & scrutiny fees of Rs.2,40,000/- vide Receipt No-265613, Date:11/09/2014.DD.No.071505. of Vasai Janata co.bank.ltd.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Sector-IV, Residential Building No.3 (Wing C&D) on Nilemore Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Palghar.**

The entire structure consists of Ground floor + 7 upper floor to the height of 23.40 meters as per the plans details. Construction Work of the above mentioned building is RRC work completed upto 3rd Slab as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is RRC work completed upto 3rd Slab.. Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.5 meter in wing C &D.and both wing connected through corridor passage on every floor.

2. **Suggestions for Staircase :-**

   1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
   2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 2 Lifts provided for Wing C& D in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down comer :-

The entire **Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

10.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

11. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.

5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT
Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 248/2014-15 DATE : 26/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar(Thane).

Sub :- Grant of "Provisional No Objection Certificate' for your Proposed Construction of Residential Building on Land bearingS.No.72, H.No.2/2 & 3 of Village Barampur,Tal - Vasai, Dist-Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2585/2014 Dated : 24/09/2014.
2. An Application received from M/s–En Con Project Consultants, Dated:- 23/09/2014.
3. Built up area certificate received from M/s–En Con Project Consultants, Dated :-23/09/2014
4. R.D.P. Issued by VVCMC/TP/CC/VP-0378/574/2012-13 dated :28/05/2012.
5. Building construction work at present stage certificate Ref No. VP-0378/20 of M/s En Con Project Consultants, dated–23/09/2014.
6. Built up area as per given submitted statement by an consultant Residential Building is 2353.33 sq.mtrs.as per approved & 4145.11 sq.mts as per Proposed accordingly capitation & scrutiny fees of Rs. 2,00,000/- vide Receipt No– 265631 D.D No. 060602 of Bassein Catholic co-op. bank ltd. Dated :- 22/09/2014 &Rs. 60,000/- Vide Receipt No – 265630 D.D. No.060603of Bassein Catholic co-op bank ltd. Dated :22/09/2014.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential Building on Land bearing S.No.72, H.No.2/2 & 3 of Village Barampur, Tal - Vasai, Dist-Palghar.**

The entire structure consists of **Residential Building St+12** to the height of **36.90** meters as per the plans details. Construction Work of the above mentioned building is completed up to **8th slab level** as per Ref No.5 Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life Safety Measures adhering to National Building Code-2005.& Maharashtra Fire Prevention and Life Safety Measures Act, 2006.**At Present stage construction work of the above mention building is completed up to 8th slab level**. Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the Provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter out of two staircase one staircase is proposed as fire Escape Staircase.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 2 Lift provided for Wing D & 2 Lift provided for Wing E in the Building out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs.Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions :-

1.Fire Duct :-

Each floor level fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190.& also in Lift machine room, Electric meter room at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers/ down comer main and diameters of the hose reel shall not be less than 19mm with Is 884,1985.

4.Wet Risers:-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers/down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 6 inch dia. G.I. 'C' Class with necessary coating & warping.

9. Under Ground Tank:-

Underground static water storage tank of 75 000 litters capacity each shall be provided at ground level for fire fighting as per design specified in the rules with buffle wall and fire brigade collecting

breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head Water tank:-

A separate 5000 litters over head water Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11. Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK:-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

16. Manual Operating electric Fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS-2189/1999) code Practice of Automatic fire alarm system.

17. PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

18. Observation for Refuge Area:-

Refuge area for proposed Residential Building is provided on 8th floor.

19. Suggestion Refuge Area:-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq. Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNCIPAL CORPORATION.

Copy to-
Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org.

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT
Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 249/2014-15 DATE : 26/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential Building on Land bearing CT S No – 2683-B of Village Dhovali,Tal - Vasai, Dist-Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2587/2014 Dated : 24/09/2014.
2. An Application received from M/s – En Con Project Consultants, Dated:- 22/09/2014.
3. Built up area certificate received from M/s – En Con Project Consultants, Dated :-22/09/2014
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0582/003/2012-13dated :02/04/2013.
5. Building construction work at present stage certificate Ref No. VP-0582/54 of M/s En Con Project Consultants, dated – 22/09/2014.
6. Built up area as per given submitted statement by an consultant Residential Buildingis1455.09sq.mtrs.as per approved & 2494.44 sq.mts as per Proposed accordingly capitation & scrutiny fees of Rs. 2,00,000/- vide Receipt No – 265620 D.D No. 021054 of Bassein Catholic co-op. bank ltd. Dated :- 19/09/2014 & Rs. 60,000/- Vide Receipt No – 265621 D.D. No.021055 of Bassein Catholic co-op bank ltd. Dated : 19/09/2014.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential Building on Land bearing CTS No – 2683-B of Village Dhovali, Tal - Vasai, Dist-Palghar.**

The entire structure consists of **Residential Building St+12** to the height of ***38.25*** meters as per the plans details. Construction Work of the above mentioned building is completed up to **8th slab level** as per Ref No.5 Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life Safety Measures adhering to National Building Code-2005.& Maharashtra Fire Prevention and Life Safety Measures Act, 2006.**At Present stage construction work of the above mention building is completed up to 8th slab level**. Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the Provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter out of two staircase one staircase is proposed as fire Escape Staircase.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 2 Lift provided for Wing D & 2 Lift provided for Wing E in the Building out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs.Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions :-

1.Fire Duct :-

Each floor level fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190.& also in Lift machine room, Electric meter room at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers/ down comer main and diameters of the hose reel shall not be less than 19mm with Is 884,1985.

4.Wet Risers:-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers/down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 6 inch dia. G.I. 'C' Class with necessary coating & warping.

9. Under Ground Tank:-

Underground static water storage tank of 75000 litters capacity each shall be provided at ground level for fire fighting as per design specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head Water tank:-

A separate 5000 littersover head water Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11. Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK:-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

16. Manual Operating electric Fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS-2189/1999) code Practice of Automatic fire alarm system.

17. PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

18. Observation for Refuge Area:-

Refuge area for proposed Residential Buildingis provided on 8th& 10thfloor.

19. Suggestion Refuge Area:-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq. Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNCIPAL CORPORATION.

Copy to-
Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list o the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org.

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT
Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 253/2014-15 DATE : 26/09/2014

TO.
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential building No. 1 on Land bearing S.No.101 , H.No. 1B S.No. 102 , H.No. 2,4 & 5 of Village – Kopri, Tal – Vasai, Dist – Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./ 2588 /2014 Dated :24/09/2014.
2. An Application received from M/s – En Con Project Consultants, Dated:- 22/09/2014.
3. Built up area certificate received from M/s – En Con Project Consultants, Dated :- 22/09/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0596/005/2013-14, dated : 02/04/2013.
5. Building construction work at present stage certificate Ref No. VP-0596/06 of M/s En Con Project Consultants, dated – 22/09/2014.
6. Built up area as per given submitted statement by an consultant Residential building No. 1 is 1760.55 sq.mts as per approved & 1759.46 sq.mts as per proposed accordingly capitation fees of Rs. 1,20,000/- vide Receipt No – 265627 D.D No – 107936 Vasai Vikas Sahakari Bank ltd. Dated : 22/09/2014.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential building No. 1 on Land bearing S.No. 101 , H.No. 1B S.No. 102 , H.No. 2,4 & 5 of Village – Kopri, Tal – Vasai, Dist – Palghar.**

The entire structure consists of St+Gr+7 upper floor to the height of **23.40** meters as per the plans details. Construction Work of the above mentioned building is **completed up to 7th slab** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **completed up to 7th slab**. Applicant had obtained CC too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.50 meter in the building.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.

2. Fire Escape staircase shall be directly connected to the ground.

Suggestions for Staircase :-

3. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
4. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 1 Lift provided in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-
Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-
Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-
One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down comer :-
The entire **Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-
15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-
External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-
One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-
A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-
Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

10.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

11. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNCIPAL CORPORATION.

Copy to-
Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org.

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT
Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 254/2014-15 DATE : 26/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential building No. 2 (Wing D,E & F)on Land bearing S.No. 145B H.No.1D ; S.No.145B H.No.1,2,3,4,5,6 & 7 of Village – Nilemore, Tal – Vasai, Dist – Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./2592/2014 Dated : 24/09/2014.
2. An Application received from M/s – En Con Project Consultants, Dated:- 23/09/2014.
3. Built up area certificate received from M/s – En Con Project Consultants, Dated :- 23/09/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-3909/0387/2013-14 dated : 29/03/2014.
5. Building construction work at present stage certificate Ref No. VP-3909/23 of M/s En Con Project Consultants, dated – 23/09/2014.
6. Built up area as per given submitted statement by an consultant Residential building No.2 (Wing D,E & F)is 4526.91 sq.mts proposed accordingly capitation & scrutiny fees of Rs. 3,60,000/- vide Receipt No – 265634 Dated : 26/09/2014 D.D No.– 996495.of Dena bank.

Dear sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential building No. 2 (Wing D,E & F) on Land bearing S.No.145B H.No.1D ; S.No.145B H.No.1,2,3,4,5,6 & 7 of Village – Nilemore, Tal – Vasai, Dist – Palghar.**

The entire structure consists of St+Gr+7 upper floor to the height of **23.40** meters as per the plans details. Construction Work of the above mentioned building is **completed up to 5th slab** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **completed up to 5th slab**. Applicant had obtained C.C too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.20 meter in wing D& E both wing connected to each other by corridor on each floor.& One staircase is provided for the proposed building with the width of 1.20 meter in wing F.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Suggestions for Staircase :-

3. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
4. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 1 Lift provided for each wing D,E&F.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-
Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-
Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-
One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down comer :-
The entire **Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-
15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-
External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-
One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-
A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

10.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

11. Manual Operated electric fire alarm system:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

12. Observation for Refuge Area:-

Refuge area for proposed Residential Building No.2 (Wing D,E&F) is provided 5th floor.

13. Suggestion Refuge Area:-

Refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq. Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNCIPAL CORPORATION.

Copy to-
Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org.

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT
Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 255/2014-15 DATE : 26/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential cum commercial Building on Land bearing C.T.S. No. 375 A / 1B of Village Malonde,Tal - Vasai, Dist-Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2590/2014 Dated : 24/09/2014.
2. An Application received from M/s – En Con Project Consultants, Dated:- 23/09/2014.
3. Built up area certificate received from M/s – En Con Project Consultants, Dated :-23/09/2014
4. C.C Issued by VVCMC/TP/CC/VP-5527/273/2014-15 dated :21/04/2014.
5. Building construction work at present stage certificate Ref No. VP-5527/27 of M/s En Con Project Consultants, dated – 23/09/2014.
6. Built up area as per given submitted statement by an consultant Residential cum commercial Building is1297.56sq.mtrs.as per approved & 2449.85 sq.mts as per Proposed accordingly capitation & scrutiny fees of Rs. 1,50,000/- vide Receipt No – 265626 D.D No. 095510 of Vasai Vikas Sahakari Bank ltd.Dated :- 22/09/2014 & Rs. 60,000/- vide Receipt No – 265625 D.D. No.095511of Vasai Vikas Sahakari Bank ltd. Date :- 22/09/2014

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential cum commercial Building on Land bearing C.T.S. No. 375A / 1B of Village Malonde, Tal - Vasai, Dist-Palghar.**

The entire structure consists of **Residential cum commercial Building St+Gr+8** to the height of **26.65** meters as per the plans details. Construction Work of the above mentioned building is completed up to **Plinth level** as per Ref No.5 Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life Safety Measures adhering to National Building Code-2005.& Maharashtra Fire Prevention and Life Safety Measures Act, 2006.**At Present stage construction work of the above mention building is completed up to Plinth level**. Applicant had obtained CC/RDP too, while taking into consideration of these facts this department is issuing the Provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. Two staircases is provided for the proposed building with the width of 1.5 meter & 1.2 meter out of two staircase one staircase is proposed as fire Escape Staircase.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 2 Lift provided for in the Building out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs.Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884:1985.

4. Vertical riser cum Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for fire fighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

15. Observation for Refuge Area:-

Refuge area for proposed Residential Building is provided on 8thfloor.

16. Suggestion Refuge Area:-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq. Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNCIPAL CORPORATION.

Copy to-
Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org.

वसई-विरार शहर महानगरपालिका
अग्निशमन व आणीबाणी सेवा

मुख्य कार्यालय, विरार (पूर्व), ता. वसई, जि.पालघर
दुरध्वनी क्रमांक:-०२५०-२५२१०१/०२/०३/०४/०५/०६

जा.क्र./ववि‍श/मनपा/अग्नि/ 255/2014-15 दिनांक:- 26/09/2014

प्रति,

मा. उपसंचालक सो
नगररचना विभाग
वसई-विरार शहर महानगरपालिका

विषय :- १५ मी पेक्षा अधिक उंची असलेल्या रहिवासी इमारतीच्या / तसेच औद्योगिक, लॉजिंग बोर्डिंग, शाळा, कॉलेज परवानगीसाठी अग्निशमन अधिकायाचा अभिप्राय मिळणे बाबत.

संदर्भ :-जा.क्र./व.वि.श.म/न.र./२५९०/२०१४, दिनांक २४/०९/२०१४ रोजीचे पत्र.

महोदय,

उपरोक्त संदर्भित विषयांकित पत्रानुसार वसई विरार उपप्रदेशाच्या मंजुर विकास नियंत्रण नियामावली नुसार वास्तुविशारद / विकासक **मेसर्स- एनकॉन कंन्स./ मे.वास्तू संकल्प डेव्हल पर्स** यांना प्रस्तावित **VP No.5527** नकाशामधील इमारत क्र. **1** विंग **1** चे बांधकाम करण्यासाठी आपणांकडून **G+4** मजले करीता परवानगी (सी.सी.) देण्यात आलेली असुन त्यांना सदर जागेवर **G+8** मजले करीता बांधकाम करणे करीता या विभागाकडील अभिप्राय देणेबाबत आपल्याकडून प्रस्ताव वर्ग करण्यात आला होता.

त्यानुसार महाराष्ट्र आग प्रतिबंधक व जीवसंरक्षक उपाययोजना अधिनियम २००६ च्या तरतुदींच्या अधिन राहून या विभागाकडून त्यांच्या **G+8** मजले इमारती करीता प्रोव्हिजनल एन.ओ.सी. देण्यात आलेली असुन प्लॅन ॲप्रोव्हल करुन देण्यात आलेला आहे.

तरी प्रोव्हिजनल एन.ओ.सी. देण्यात आलेल्या तरतुदींच्या आधिन राहून त्यांना पुढील बांधकाम परवानगी देण्याकरीता प्रस्ताव आपणाकडे पाठविण्यात येत आहे.

नामनिर्देशित अधिकारी
अग्निशमन व आणीबाणी सेवा
वसई-विरार शहर महानगरपालिका

प्रत:- वास्तुविशारद / विकासक, मेसर्स- एनकॉन कंन्स./ मे.वास्तू संकल्प डेव्हलपर्स.

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT
Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 256/2014-15 DATE : 26/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential cum commercial building on Land bearing CTS. No. 2634 of Village – Dhovali, Tal – Vasai, Dist – Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M/NR/2591/2014 Dated : 24/09/2014.
2. An Application received from M/s – En Con Project Consultants, Dated:- 23/09/2014.
3. Built up area certificate received from M/s – En Con Project Consultants, Dated :- 23/09/2014.
4. C.C Issued by VVCMC/TP/CC/VP-5282/3411/2012-13, dated : 18/03/2013.
5. Building construction work at present stage certificate Ref No. VP-5282/19 of M/s En Con Project Consultants, dated – 23/09/2014.
6. Built up area as per given submitted statement by an consultant Residential Cum commercial building is 872.02 sq.mts as per approved &1566.37 sq.mts as per proposed accordingly capitation& scrutiny fees of Rs. 1,60,000/- vide Receipt No – 265635 of Bassein catholic co-op bank ltd Dated : 26/09/2014 & Rs. 40,000/- vide Receipt No – 265636 of Bassein catholic co-op bank ltd Dated : 26/09/2014.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential cum commercial building on Land bearing CTS. No. 2634 of Village – Dhovali, Tal – Vasai, Dist – Palghar.**

The entire structure consists of St+Gr+7 upper floor to the height of **24.55** meters as per the plans details. Construction Work of the above mentioned building is **completed up to 5th slab** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **completed up to 5th slab**. Applicant had obtained CC too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 &1.20 meter out of two staircase one staircase is proposed as fire Escape Staircase.

Rec.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Suggestions for Staircase :-

3. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
4. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 1 Lift provided in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. It shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Vertical Riser Cum Down comer :-

The entire **Vertical Riser Cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gun metal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9. Under Ground Tank:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for fire fighting as per design specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and depth of the tank from manhole level shall not be more than 3.5 mtrs.

9.Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

10.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

11.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

12. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red colour.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNCIPAL CORPORATION.

Copy to-
Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org.

वसई-विरार शहर महानगरपालिका
अग्निशमन व आणीबाणी सेवा

मुख्य कार्यालय, विरार (पूर्व), ता. वसई, जि.पालघर
दुरध्वनी क्रमांक:-०२५०-२५२१०१/०२/०३/०४/०५/०६

जा.क्र./वविश/मनपा/अग्नि/ 256/2014-15 दिनांक:- 26/09/2014

प्रति,
मा. उपसंचालक सो
नगररचना विभाग
वसई-विरार शहर महानगरपालिका

विषय :- १५ मी पेक्षा अधिक उंची असलेल्या रहिवासी इमारतीच्या / तसेच औद्योगिक, लॉजिंग बोर्डिंग, शाळा, कॉलेज परवानगीसाठी अग्निशमन अधिकायाचा अभिप्राय मिळणे बाबत.

संदर्भ :-जा.क्र./व.वि.श.म/न.र./२५९१/२०१४, दिनांक २४/०९/२०१४ रोजीचे पत्र.

महोदय,

उपरोक्त संदर्भित विषयांकित पत्रानुसार वसई विरार उपप्रदेशाच्या मंजुर विकास नियंत्रण नियामावली नुसार वास्तुविशारद / विकासक **मेसर्स- एनकॉन कंन्स./ महालक्ष्मी वेचर्स** यांना प्रस्तावित **VP No.5282** नकाशामधील इमारत क्र. **1** विंग **1** चे बांधकाम करण्यासाठी आपणांकडून **G+4** मजले करीता परवानगी (सी.सी.) देण्यात आलेली असुन त्यांना सदर जागेवर **G+7** मजले करीता बांधकाम करणे करीता या विभागाकडील अभिप्राय देणेबाबत आपल्याकडून प्रस्ताव वर्ग करण्यात आला होता.

त्यानुसार महाराष्ट्र आग प्रतिबंधक व जीवसंरक्षक उपाययोजना अधिनियम २००६ च्या तरतुदींच्या अधिन राहून या विभागाकडून त्यांच्या **G+7** मजले इमारती करीता प्रोव्हिजनल एन.ओ.सी. देण्यात आलेली असुन प्लॅन ॲप्रोव्हल करुन देण्यात आलेला आहे.

तरी प्रोव्हिजनल एन.ओ.सी. देण्यात आलेल्या तरतुदींच्या आधिन राहून त्यांना पुढील बांधकाम परवानगी देण्याकरीता प्रस्ताव आपणाकडे पाठविण्यात येत आहे.

नामनिर्देशित अधिकारी
अग्निशमन व आणीबाणी सेवा
वसई-विरार शहर महानगरपालिका

प्रतः- वास्तुविशारद / विकासक, मेसर्स- एनकॉन कंन्स./ महालक्ष्मी वेचर्स

VASAI VIRAR CITY MUNCIPAL CORPORATION
FIRE DEPARTMENT
Tel.No.0250-252101/02/03/04/05/06

VVCMC/FIRE/ 257/2014-15 DATE : 26/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Muncipal Corporation,
Dist-Palghar.

Sub :- Grant of "Provisional No Objection Certificate" for your Proposed Construction of Residential Cum commercial Building No.3 (Wing D & E) in Sector No. VI on Land bearingS.No.49,50,51,52,53,54,55,56 & 77 village Achole,Tal - Vasai, Dist-Palghar.

Ref :- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2370/2014 Dated :06/09/2014.
2. An Application received from M/s – En Con Project Consultants, Dated:- 29/07/2014.
3. Built up area certificate received from M/s – En Con Project Consultants, Dated :-29/07/2014
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0127/0131/2013-14dated :29/06/2013.
5. Building construction work at present stage certificate Ref No. VP-0127(BP-687)/2059 of M/s En Con Project Consultants, dated – 29/07/2014.
6. Built up area as per given submitted statement by an consultant Residential Cum commercial Building No.3 (Wing D & E) in Sector No. VI is 4672.2 sq.mtrs. Approved & 4672.38 sq.mts Proposed accordingly capitation & scrutiny fees of Rs. 7,30,000/- vide Receipt No – 226822 Dated : 07/07/2014.&Rs. 3,20,000/- vide Receipt No – 226823, Date : 07/07/2014.

Dear Sir,

M/s - En Con Project Consultant of the Project has submitted the proposal for construction of **Residential Cum commercial Building No.3 (Wing D & E) in Sector No. VI on Land bearing S.No.49,50,51,52,53,54,55,56 & 77 village Achole,Tal - Vasai, Dist-Palghar.**

The entire structure consists of **Residential Cum commercial Building No.3 (Wing D & E) in Sector No. VI Gr/St+14** to the height of **43.85** meters as per the plans details. Construction Work of the above mentioned building is completed up to **15th slab level** as per Ref No.5 Applicant had obtained R.D.P. As per ref. No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life Safety Measures adhering to National Building Code-2005.& Maharashtra Fire Prevention and Life Safety Measures Act, 2006.**At Present stage construction work of the above mention building is completed up to 15th slab level (Terrace Slab)**. Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the Provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW :

ACCESS :-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space :-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase :- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter in Residential Cum commercial Building No.3 (Wing D & E) both wing connected to each other by corridor on each floor.

Suggestions for Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct :-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift : - (According to Plan)

1. 2 Lift provided for Wing D & 2 Lift provided for Wing E in the Building out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers with automatic closing doors of minimum 0.8 mtrs.Width. The collapsible shutters shall not be provided.

Suggestions for fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 75000 litters capacity each shall be provided at ground level for fire fighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 5000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. Manual Operating electric Fire alarm System:-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

17. Sprinkler System:-

Automatic Sprinkler system shall be provided in the lift lobby/ common passage at each floor as per the standard laid down by TAC or relevant IS specification.

18. Smoke Detector System:-

The Smoke Detector shall be provided in lift machine room and electrical meter room at each floor.

19 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

20. Observation for Refuge Area :-

Refuge area for proposed **Building No.3 (Wing D & E)**Is provided on 8th, &12th floor.

21. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE BRIGADE
DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 258/2014-15 DATE: 26/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist- Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Building (Wing A&B) on S.No.115,H.No.30/2, at Village: Kopri, Tal-Vasai, Dist- Palghar.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2245/2014, Date:22/08/2014
2. An Application received from Ref No-SMA/559/12J/14 M/s – Sanat Mehta & Associates Date 07/08/2014.
3. Built up area certificate received from certificate Ref No. SMA/560/12J/14 M/s Sanat Mehta & Associates. Date 07/08/2014.
4. CC Issued by VVCMC/TP/CC/VP-5142/2712/2012-13, Dated:08/01/2013.
5. Building construction work at present stage certificate Ref No. SMA/561/12J/14 of M/s Sanat Mehta & Associates. Date 07/08/2014..
6. Gross built up area as per given submitted statement by an consultant 2303.53 sq.mtrs. accordingly capitation & scrutiny fees of Rs.2,40,000/- vide Receipt No-265601, Date:25/08/2014.DD.No.004492. of SBI.bank.ltd.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of Residential Building (Wing A&B) on S.No.115,H.No.30/2, at Village: Kopri, Tal-Vasai, Dist- Palghar.

The entire structure consists of Ground floor + 7 upper floor to the height of **23.90** meters as per the plans details. Construction Work of the above mentioned building is **RRC work completed upto 5th Slab** as per the Ref.No.5. Applicant had obtained CC As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **RRC work completed up to 5th Slab.**. Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and Archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.5 meter in each wing A&B. and both wing connected through Refuge area on 5th floor.

2. **Suggestions for Staircase :-**

   1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
   2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 1 Lifts provided for each Wing A & B in the Building.

Suggestions for Lift:-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of not less than 545 kg. 8 people with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1. Fire Duct:-

Each floor level including ground floor fire duct should be provided.

2. Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3. Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical riser cum Down comer :-

The entire Vertical riser cum Down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5. Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6. Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7. Siamese Connection:-

One Siamese connection (2 way) shall be provided at entrance gate of building.

8. Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9. Under Ground Water Tank:-

Underground static water storage tank of **25000 litters capacity** each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10. Booster Pump:-

Booster at the terrace level of 180 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

11. Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

12. Electrical Pump:-

Each Vertical riser cum Down comer riser shall be connected to a electrical pump at ground level of capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

11. Manual Operated electric fire alarm system :-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be installs in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

12. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building in wing A &B Is provided on 5th. floor.

13. Suggestion Refuge Area :-

For building refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV2005. Should be strictly followed.
6. Balcony must open on every floor & protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIVISION GHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 265/2014-15 DATE: 29/09/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- "Final No Objection Certificate" of INDUSTRIAL BUILDING No-2 (wing A& B)located on land bearing S.No.36 H.No-13. at village Waliv, Tal. Vasai, Dist- Palghar.

Ref:-1) A Letter of Dy. Director, Town Planning Dept.No. VVCM / NR / 2539 / 2014 Dated:-19/09/2014.
2) An application received by Ref.No. VP-4947/47 M/s.EN CON,Project consultants. Dated:16/09/2014.
3) Revised DP Issued By VVCMC/TP/RDP/VP- 4947/0145/2012-13,Dated:-13/12/2012.
4) Certificate from License Agency M/s. M/s, Fire Worx Engineering, Dated: 23/08/2014 (Form A).
5) Building Completion Ref.No. VP-4947/49 M/s.EN CON,Project consultants. Dated:16/09/2014.
6) Built up area certificate Ref.No. VP-4947/48 M/s.EN CON,Project consultants. Dated:16/09/2014.
7) Structure Stability certificate Ref.No. VP-4947/50 of Sanjay Narang & Associates ,Dated:16/09/2014.

Dear sir,

With reference to Sr.No.2 above, this office is in receipt of your application for your **INDUSTRIAL No-2 (wing A& B)**Building at above mentioned address. As per **Revised DP Issued By VVCMC/TP/RDP/VP- 4947/0145/2012-13,Dated:-13/12/2012.**. The party has constructed **"INDUSTRIAL No-2 (wing A& B) Building G+2pt Floors"** as per sanctioned Plan.

With reference to above on Dated: 17/09/2014 representative of this office visited the building situated on the above mentioned address for inspection from the point of view of fire prevention & protection provided by **License Agency i.e.M/s. Fire Worx Engineering bearing License No. MFS-LA/F- 0227, dated 16/08/2013, issued by this office and has submitted Certificate On -23/08/2014 in "Form A" prescribed in Maharashtra Fire Prevention & Life Safety Measure Rules 2009,** Following Fire Fighting Arrangements provided were found in satisfactory working condition.

A) Vertical Riser Cum Down Comer System
   a) on every floor hose reel hose & landing valve / Hydrant valve
   b) Booster pump on terrace- 5 HP
   c) Fire Brigade inlet at ground floor, Hose Box, Cotton Hose & Branch Pipe.
   d) Main Pump- 20 HP
B) Fire Extinguishers ABC Type.
C) Court yard Hydrants

This office is issuing a **"Final No Objection Certificate"** for your following building having built up area admeasuring to **No-2 (wing A& B) 1288.26 Sq.Mtrs**. This certificate shall be treated valid **up to 31/12/2014** It is your responsibility to get the same renewed every year after inspection of fire fighting installation and arrangements provided for fire & life safety. After paying renewal fees Fire Brigade Department will renew the Final No Objection Certificate.

Under **sub-section (3) of section 3** of **" Maharashtra Fire Prevention and Life Safety Measures Act, 2006"** it is responsibility of the Owner or the Occupier as the case may be, shall furnish to The Chief Fire Officer or nominated officer a Certificate in a prescribed form twice a year in the Month of January & July regarding maintenance of fire prevention and life safety measure in good repair and efficient condition as specified in sub-section (1).

The Fire Fighting System provided by the Owner or the Occupier in the premises shall be well maintained & shall be kept in tip-top working condition at all the time. If the fire protection system is not maintained, retrenched then this "N.O.C." will stand cancelled without any notice & the Owner or the Occupier will be solely responsible to loss of life or property if any, which may please be noted.

The Party has paid already paid the Rs-40,000 /- vide Receipt No.-226631.& Rs-40,000 /- vide Receipt No.-226632. Dated -02/07/2014 .DD.bearing No. - 626097& 626098. Issued by – kotak Bank & Rs-40,000 /- vide Receipt No.-226633.& Rs-40,000 /- vide Receipt No.-226634. Dated -02/07/2014 .DD.bearing No. – 048070 & 048069. Issued by – Axis Bank in favor of VVCMC additional Capitation & Scrutiny fees for the total Built up area **BUILDING No-2 (wing A& B)- 1288.26. Sq.Mtrs**..

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-2521101/02/03/04/05/06

VVCMC/FIRE/ 266/2014-15 DATE: 29/09/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- "Final No Objection Certificate" for Industrial Building (Wings A) Located On Land Bearing Plot No. 10 & 11, S.No.104/A/1, Of Village: Dhovali, Tal- Vasai, Dist-Palghar.

Ref:-1) A Letter of Dy. Director, Town Planning Dept.No. VVCM /NR/ 2589/ 2014 Dated: 24/09/2014
2) An application received by M/s. EN CON Consultants, Dated:23/09/2014.
3) Revised R.D.P Issued By VVCMC/TP/RDP/VP-0649/0/02/2014-15, Dated:13/08/2014.
4) Certificate from License Agency M/S. Fire Worx Engineering, Dated:23/08/2014. (Form A)
5) Building Completion certificate & Built up area certificate of M/s. EN CON Consultants, Dated:-09/09/2014.
6) Structure Stability certificate M/S. Sanjay Narang & Associates, date-09/09/2014.

Dear sir,

With reference to Sr.No.2 above, this office is in receipt of your application for your **Industrial Building (Wings A)** Building at above mentioned address. As per R.D.P Issued By **VVCMC/TP/RDP/VP-0649/0/02/2014-15, Dated:13/08/2014.** The party has constructed **"Industrial Building (Wings- A) Gr+ 2(pt) Floors"** as per sanctioned Plan.

With reference to above on Dated: 24/09/2014 representative of this office visited the building situated on the above mentioned address for inspection from the point of view of fire prevention & protection provided by License Agency i.e **M/s. Fire Worx Engineering bearing License No. MFS-LA/F-0227, dated 16/08/2013, issued by this office and has submitted Certificate on 23/08/2014 in "Form A" prescribed in Maharashtra Fire Prevention & Life Safety Measure Rules 2009"** Following Fire Fighting Arrangements provided were found in satisfactory working condition.

A) Down Comer System
   a) on every floor hose reel hose & landing valve / Hydrant valve
   b) Booster pump on terrace- 5 HP
   c) Fire Brigade inlet at ground floor, Hose Box, Cotton Hose & Branch Pipe.
   d) 1500 Lpm, 70 Mtr head Main Submersible Pump
B) Fire Extinguishers ABC Type.
C) Court yard Hydrants

This office is issuing a **"Final No Objection Certificate"** for your following building having built up area admeasuring to **373.49 Sq.Mtrs** This certificate shall be treated valid **up to 31/12/2014.** It is your responsibility to get the same renewed every year after inspection of fire fighting installation and arrangements provided for fire & life safety. After paying renewal fees Fire Brigade Department will renew the Final No Objection Certificate.

Under **sub-section (3) of section 3** of **"Maharashtra Fire Prevention and Life Safety Measures Act, 2006"** it is responsibility of the Owner or the Occupier as the case may be, shall furnish to The Chief Fire Officer or Nominated officer a Certificate in a prescribed form twice a year in the Month of January & July regarding maintenance of fire prevention and life safety measure in good repair and efficient condition as specified in sub-section (1).

The Fire Fighting System provided by the Owner or the Occupier in the premises shall be well maintained & shall be kept in tip-top working condition at all the time. If the fire protection system is not maintained, retrenched then this "N.O.C." will stand cancelled without any notice & the Owner or the Occupier will be solely responsible to loss of life or property if any, which may please be noted.

The Party has paid already paid the Rs. 40,000/- vide Receipt No. 265628, & Rs. 40,000/- vide Receipt No. 265629, Dated 22/09/2014, DD No.021063 , &, DD No.021064,Basin Catholic Bank for the total gross built up area **373.49 Sq.Mtrs** as per the letter given by the party .

The undersigned reserves right to amend any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the company. **If any change of Activity or Transfer of Plot or any future expansion, No Objection Certificate from this office is essential.**

Thanking you.

FIRE BRIGADE

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Fee Receipt 01/10/14

Copy to Architect:-

Please Note:- The Developer / Owner / Occupier have to Renew the N.O.C. on 1st January. of every year & submit the next Testing Certificate of fire fighting system's only from Licensed Agency appointed by Government of Maharashtra on 1st July of every year. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-2521101/02/03/04/05/06

VVCMC/FIRE/ 267/2014-15 DATE: 29/09/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- "Final No Objection Certificate" for Shop for Automobiles/ Godowns Building No.4 on On Land Bearing S.No. 280, H.No. 1/B Of Village: Pelhar, Tal- Vasai, Dist-Palghar.

Ref:-1) A Letter of Dy. Director, Town Planning Dept.No. VVCM /NR/ 2583/ 2014 Dated: 24/09/2014
2) An application received by M/s. EN CON Consultants, Dated:23/09/2014.
3) Revised c.c. Issued By CIDCO/VVSR/CC/BP-4178/E/505,, Dated:03/06/2010.
4) Certificate from License Agency M/S. Fire Worx Engineering, Dated:23/08/2014. (Form A)
5) Building Completion certificate & Built up area certificate of M/s. EN CON Consultants Dated:-18/09/2014.
6) Structure Stability certificate M/S. Sanjay Narang & Associates, date-18/09/2014.

Dear sir,

With reference to Sr.No.2 above, this office is in receipt of your application for your **Shop for Automobiles/ Godowns Building No.4** Building at above mentioned address. As per c.c issued by CIDCO/VVSR/CC/BP-4178/E/505,, Dated:03/06/2010. The party has constructed **"Shop for Automobiles/ Godowns Building No.4, Gr+ 1/pt Floors"** as per sanctioned Plan.

With reference to above on Dated: 17/09/2014 representative of this office visited the building situated on the above mentioned address for inspection from the point of view of fire prevention & protection provided by License Agency i.e **M/s. Fire Worx Engineering bearing License No. MFS-LA/F-0227, dated 16/08/2013, issued by MFS office and has submitted Certificate on 23/08/2014 in "Form A" prescribed in Maharashtra Fire Prevention & Life Safety Measure Rules 2009"** Following Fire Fighting Arrangements provided were found in satisfactory working condition.

A) Down Comer System
   a) on every floor hose reel hose & landing valve / Hydrant valve
   b) Booster pump on terrace- 5 HP
   c) Fire Brigade inlet at ground floor, Hose Box, Cotton Hose & Branch Pipe.
   d) 1500 Lpm, 70 Mtr head Main Pump
B) Fire Extinguishers ABC Type.
C) Court yard Hydrants

This office is issuing a **"Final No Objection Certificate"** for your following building having built up area admeasuring to **570.30 Sq.Mtrs** This certificate shall be treated valid **up to 31/12/2014.** It is your responsibility to get the same renewed every year after inspection of fire fighting installation and arrangements provided for fire & life safety. After paying renewal fees Fire Brigade Department will renew the Final No Objection Certificate.

Under **sub-section (3) of section 3** of **" Maharashtra Fire Prevention and Life Safety Measures Act, 2006"** it is responsibility of the Owner or the Occupier as the case may be, shall furnish to The Chief Fire Officer or Nominated officer a Certificate in a prescribed form twice a year in the Month of January & July regarding maintenance of fire prevention and life safety measure in good repair and efficient condition as specified in sub-section (1).

The Fire Fighting System provided by the Owner or the Occupier in the premises shall be well maintained & shall be kept in tip-top working condition at all the time. If the fire protection system is not maintained, retrenched then this "N.O.C." will stand cancelled without any notice & the Owner or the Occupier will be solely responsible to loss of life or property if any, which may please be noted.

The Party has paid already paid the Rs. 40,000/- vide Receipt No. 226834, & Rs. 40,000/- vide Receipt No. 226835, Dated 14/07/2014, DD No.018107 , &, DD No.018109,Basin Catholic Bank for the total gross built up area **570.30 Sq.Mtrs** as per the letter given by the party .

The undersigned reserves right to amend any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the company. **If any change of Activity or Transfer of Plot or any future expansion, No Objection Certificate from this office is essential.**

Thanking you.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to Architect:-

Please Note:- The Developer / Owner / Occupier have to Renew the N.O.C. on 1st January. of every year & submit the next Testing Certificate of fire fighting system's only from Licensed Agency appointed by Government of Maharashtra on 1st July of every year. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-2621101/02/03/04/05/06

VVCMC/FIRE/ 268/2014-15 DATE: 29/09/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- "Final No Objection Certificate" for CFC Building Located On Land Bearing S.No. 55, H.No.14; S.No.60, H.No.1,2A,2B,3A,3B,4,5,6,7 ,S.No.61 H.No.1Pt& S.No. 62 H.No.2,3&5 Of Village: Chulne, Tal- Vasai, Dist- Palghar.

Ref:-1) A Letter of Dy. Director, Town Planning Dept.No. VVCM /NR/ 2593 / 2014 Dated: 24/09/2014
2) An application received by M/s. EN CON Consultants, Dated:28/06/2014.
3) Revised D.P. Issued By VVCMC/TP/RDP/VP-0102/117/2011-12, Dated:21/10/2011.
4) Certificate from License Agency M/S. Sadanand Fire Systems, Dated:28/06/2014. (Form A)
5) Building Completion certificate & Built up area certificate of M/s. EN CON Consultants, Dated:-28/06/2014.
6) Structure Stability certificate of Sanjay Narag& Associates, dated- 28/06/2014.
7) Lift completion Undertaking By M/S.Bliss Developers 16/09/2014.
8) This Office Provisional No Objection Certificate VVCMC/FIRE/283/2012-13, Dated-25/03/2013.

Dear sir,

With reference to Sr.No.2 above, this office is in receipt of your application for your **CFC** Building at above mentioned address. As per C.C. issued by **VVCMC/TP/RDP/VP-0102/117/2011-12, Dated:21/10/2011.**The party has constructed **" CFC Building Gr+ 3 Floors"** as per sanctioned Plan.

With reference to above on Dated: 17/09/2014 representative of this office visited the building situated on the above mentioned address for inspection from the point of view of fire prevention & protection provided by License Agency i.e **M/s. Sadanand Fire System bearing License No. MFS-LA/F-0252, issued by this office and has submitted Certificate on 28/06/2014 in "Form A" prescribed in Maharashtra Fire Prevention & Life Safety Measure Rules 2009"** Following Fire Fighting Arrangements provided were found in satisfactory working condition.

This office is issuing a **"Final No Objection Certificate"** for your following building having built up area admeasuring to **682.96 Sq.Mtrs** This certificate shall be treated valid **up to 31/12/2014.** It is your responsibility to get the same renewed every year after inspection of fire fighting installation and arrangements provided for fire & life safety. After paying renewal fees Fire Brigade Department will renew the Final No Objection Certificate.

Under **sub-section (3) of section 3** of **" Maharashtra Fire Prevention and Life Safety Measures Act, 2006"** it is responsibility of the Owner or the Occupier as the case may be, shall furnish to The Chief Fire Officer or Nominated officer a Certificate in a prescribed form twice a year in the Month of January & July regarding maintenance of fire prevention and life safety measure in good repair and efficient condition as specified in sub-section (1).

The Fire Fighting System provided by the Owner or the Occupier in the premises shall be well maintained & shall be kept in tip-top working condition at all the time. If the fire protection system is not maintained, retrenched then this "N.O.C." will stand cancelled without any notice & the Owner or the Occupier will be solely responsible to loss of life or property if any, which may please be noted.

The undersigned reserves right to amend any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the company. **If any change of Activity or Transfer of Plot or any future expansion, No Objection Certificate from this office is essential.**

Thanking you.

FIRE BRIGADE

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to Architect:-

Please Note:- The Developer / Owner / Occupier have to Renew the N.O.C. on 1st January. of every year & submit the next Testing Certificate of fire fighting system's only from Licensed Agency appointed by Government of Maharashtra on 1st July of every year. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-2321101/02/03/04/05/06

VVCMC/FIRE/ 269/2014-15 DATE: 01/10/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- "Final No Objection Certificate" for Residential Building No.5 (Wing A) Located On Land Bearing S.No. 55, H.No.14; S.No.60, H.No.1,2A,2B,3A,3B,4,5,6,7 ,S.No.61 H.No.1Pt& S.No. 62 H.No.2,3&5 Of Village: Chulne, Tal- Vasai, Dist- Palghar.

Ref:-1) A Letter of Dy. Director, Town Planning Dept.No. VVCM /NR/ 2648 / 2014 Dated: 26/09/2014
2) An application received by M/s. EN CON Consultants, Dated:23/09/2014.
3) Revised D.P. Issued By VVCMC/TP/RDP/VP-0102/028/2013-14, Dated:25/04/2013.
4) Certificate from License Agency M/S. Sadanand Fire Systems, Dated:29/09/2014. (Form A)
5) Building Completion certificate & Built up area certificate of M/s. EN CON Consultants, Dated:-23/09/2014.
6) Structure Stability certificate of Dilip P Parekh, Ref No.8771/877a/14 dated- 29/09/2014.
7) Lift completion Undertaking By M/S.Manav Enterprises 29/09/2014.

Dear Sir,

With reference to Sr.No.2 above, this office is in receipt of your application for your **Residential Building No.5 (Wing A)** Building at above mentioned address. As per R.D.P. issued by **VVCMC/TP/RDP/VP-0102/028/2013-14, Dated:25/04/2013.**The party has constructed **"Residential Building No.5 (Wing A) , Gr+ 7 Floors"** as per sanctioned Plan.

With reference to above on Dated: -17/09/2014 representative of this office visited the building situated on the above mentioned address for inspection from the point of view of fire prevention & protection provided by License Agency i.e **M/s. Sadanand Fire System bearing License No. MFS-LA/F-0252, issued by this office and has submitted Certificate on 29/09/2014 in "Form A" prescribed in Maharashtra Fire Prevention & Life Safety Measure Rules 2009"** Following Fire Fighting Arrangements provided were found in satisfactory working condition.

A) Down Comer Systems
   a) on every floor hose reel hose & landing valve / Hydrant valve
   b) Booster pump on terrace- 5 HP
   c) Fire Brigade inlet at ground floor, Hose Box, Cotton Hose & Branch Pipe.
B) Fire Extinguishers ABC Type.
C) Court yard Hydrants

This office is issuing a **"Final No Objection Certificate"** for your following building having built up area admeasuring to **1488.06 Sq.Mtrs** This certificate shall be treated valid **up to 31/12/2014.** It is your responsibility to get the same renewed every year after inspection of fire fighting installation and arrangements provided for fire & life safety. After paying renewal fees Fire Brigade Department will renew the Final No Objection Certificate.

Under **sub-section (3) of section 3** of **" Maharashtra Fire Prevention and Life Safety Measures Act, 2006"** it is responsibility of the Owner or the Occupier as the case may be, shall furnish to The Chief Fire Officer or Nominated officer a Certificate in a prescribed form twice a year in the Month of January & July regarding maintenance of fire prevention and life safety measure in good repair and efficient condition as specified in sub-section (1).

The Fire Fighting System provided by you in the premises shall be well maintained & shall be kept in tip-top working condition at all the time. If the fire protection system is not maintained, retrenched then this "N.O.C." will stand cancelled without any notice & the Owner or the Occupier will be solely responsible to loss of life or property if any, which may please be noted.

The Party has paid already paid the Rs. 1,20,000/- vide Receipt No. 265646, Dated 01/10/2014, DD No.119877, The Bharat CO.OP.Bank LTD. Bank for the total gross built up area 1488.06 Sq.Mtrs as per the letter given by the party .

The undersigned reserves right to amend any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the company. **If any change of Activity or Transfer of Plot or any future expansion, No Objection Certificate from this office is essential.**

Thanking you.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to Architect:-

Please Note:- The Developer / Owner / Occupier have to Renew the N.O.C. on 1st January. of every year & submit the next Testing Certificate of fire fighting system's only from Licensed Agency appointed by Government of Maharashtra on 1st July of every year. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-2521[illegible]/02/03/04/05/06

VVCMC/FIRE/ 270/2014-15 DATE: 01/10/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- "Final No Objection Certificate" for Residential Building Located On Land Bearing S.No. 107 Plot No.6 Of Village: Nilemore , Tal- Vasai, Dist- Palghar.

Ref:-1) A Letter of Dy. Director, Town Planning Dept.No. VVCM /NR/ 2647 / 2014 Dated: 26/09/2014
2) An application received by Umesh Mallya , Dated:27/09/2014.
3) Revised D.P. Issued By VVCMC/TP/RDP/VP-5210/0148/2014-15, Dated:25/09/2014.
4) Certificate from License Agency M/S. Anushka Fire Sarvises, Dated:29/09/2014. (Form A)
5) Building Completion certificate & Built up area certificate of Umesh Mallya , Consultants, Dated:-27/09/2014.
6) Structure Stability certificate of A Cube Consultanat dated- 27/09/2014.
7) Lift completion Undertaking By Sai Sanket Builders & Developers 01/10/2014.

Dear sir,

With reference to Sr.No.2 above, this office is in receipt of your application for your **Residential Building** Building at above mentioned address. As per R.D.P. issued by **VVCMC/TP/RDP/VP-5210/0148/2014-15, Dated:25/09/2014** The party has constructed **"Residential Building No , Gr+ 7 Floors"** as per sanctioned Plan.

With reference to above on Dated: -24/09/2014 representative of this office visited the building situated on the above mentioned address for inspection from the point of view of fire prevention & protection provided by License Agency i.e **M/s. M/S. Anushka Fire Sarvises bearing License No. MFS-LA/F- 0274, issued by this office and has submitted Certificate on 29/09/2014 in "Form A" prescribed in Maharashtra Fire Prevention & Life Safety Measure Rules 2009"** Following Fire Fighting Arrangements provided were found in satisfactory working condition.

A) Down Comer Systems
   a) on every floor hose reel hose & landing valve / Hydrant valve
   b) Booster pump on terrace- 5 HP
   c) Fire Brigade inlet at ground floor, Hose Box, Cotton Hose & Branch Pipe.
B) Fire Extinguishers ABC Type.
C) Court yard Hydrants

This office is issuing a **"Final No Objection Certificate"** for your following building having built up area admeasuring to **407.75 Sq.Mtrs** This certificate shall be treated valid **up to 31/12/2014.** It is your responsibility to get the same renewed every year after inspection of fire fighting installation and arrangements provided for fire & life safety. After paying renewal fees Fire Brigade Department will renew the Final No Objection Certificate.

Under **sub-section (3) of section 3** of **" Maharashtra Fire Prevention and Life Safety Measures Act, 2006"** it is responsibility of the Owner or the Occupier as the case may be, shall furnish to The Chief Fire Officer or Nominated officer a Certificate in a prescribed form twice a year in the Month of January & July regarding maintenance of fire prevention and life safety measure in good repair and efficient condition as specified in sub-section (1).

The Fire Fighting System provided by you in the premises shall be well maintained & shall be kept in tip-top working condition at all the time. If the fire protection system is not maintained, retrenched then this "N.O.C." will stand cancelled without any notice & the Owner or the Occupier will be solely responsible to loss of life or property if any, which may please be noted.

The Party has paid already paid the Rs. 1,20,000/- vide Receipt No. 265632, Dated 04/09/2014, DD No.119877, The Bharat CO.OP.Bank LTD. Bank for the total gross built up area Sq.Mtrs 407.75 as per the letter given by the party .

The undersigned reserves right to amend any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the company. **If any change of Activity or Transfer of Plot or any future expansion, No Objection Certificate from this office is essential.**

Thanking you.

FIRE BRIGADE

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to Architect:-

Please Note:- **The Developer / Owner / Occupier have to Renew the N.O.C. on 1st January. of every year & submit the next Testing Certificate of fire fighting system's only from Licensed Agency appointed by Government of Maharashtra on 1st July of every year. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org**

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 275/2014-15 DATE: 01/10/2014

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Building No.1 On land bearing, S.No. 29 B, H.No. 3,5,73,74,76, Of Village: Walive, Tal-Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2521/2014, Date:17/09/2014.
2. An Application received from M/s .Powle & Hatode Associates . Date 01/09/2014.
3. Built up area certificate received from M/s Powle & Hatode Associates , Date 18/09/2014.
4. C.C.. Issued by VVCMC/TP/C.C./VP-0151/3103/2013-14, Dated: 06/02/2014.
5. Building construction work at present stage certificate of M/s Powle & Hatode Associates , Date 18/09/2014.
6. Gross built up area as per given submitted statement by an consultant 1455.40 sq.mtrs. accordingly capitation & scrutiny fees of Rs.1,20,000/- vide Receipt No-265604, Date:- 01/09/2014.

Dear Sir,

M/s .Powle & Hatode Associates Consultant of the project has submitted the proposal for construction of **Residential Building No.1 Stilt+7 Floor at Village: Walive, Tal-Vasai, Dist- Palghar.**

The entire structure consists of Stilt floor + 7 upper floor to the height of 22.35 meters as per the plans details. Construction Work of the above mentioned building is completed up to **The Construction Work is completed up to the 3rd slab Level** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **The Construction Work is completed up to the 3rd slab Level** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendation this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter meter in building .
2. **Suggestions for Staircase :-**

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Received
Prasad

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

- 1 Lifts provided in the Building.

Suggestions for Lift :-

The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 person with automatic closing doors of minimum 0.8 mtrs. Width. The collapsible shutters shall not be provided.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Ground floor fire duct Shown in building should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 5 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level solely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

9.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

10.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

11. Manual Operated electric fire alarm system :-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be installs in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

12. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building in wing Is provided on 5th, floor.

13. Suggestion Refuge Area :-

For building refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be

provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions fo D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. THANE

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 280/2014-15 DATE: 01/10/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential cum Commercial Building No-1.Wing (D,E&F) on land Bearing S.No.96,H.No.4,7part at Village Chandrapada, Tal-Vasai Dist - Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/2542/2014, Dated:19/09/2014.
2. An Application received from M/s .Morph Design Studio, Date: 03/09/2014.
3. Built up area certificate received from M/s . M/s .Morph Design Studio, Date:22/09/2014
4. N.A.NOC given By CIDCO/BP/ATPO(VVSR)/NA NOC-49/2014/117 Dated-02/06/2014.
5. Gross built up area as per given submitted statement by an consultant **Residential cum Commercial Building No-1.Wing (D, E&F)** is 4938.23 sq.mtrs,. Accordingly capitation & scrutiny fees of Rs.3,60.000/- vide Receipt No.225633 Dated 24/09/2014. D.D.No.011942 Of Bank Of Badoda..

Dear Sir,

M/s.Morph Design Studio of the project has submitted the proposal for construction of **Residential cum Commercial Building No-1.Wing (D,E&F) on land Bearing S.No.96,H.No.4,7part at Village Chandrapada, Tal-Vasai Dist - Palghar.**

The entire structure consists **of Gr. floor + 7 to the height of 24 meters** as per the plans details. Applicant had obtained N.A.NOC As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act, Applicant had obtained N.A.NOC too, while taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircases is provided for the proposed building with the width of 1.2 meter & 1 meter in Residential cum Commercial Building No-1.Wing (D, E&F).

Suggestions for Staircase:-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 290/2014-15 DATE: 04/10/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist- Palghar.

Sub:- Grant of " **Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial building Wing- A,B,&C Plot No.1to4,3,30, 31, 32, 35,42,54,55,58,59,60,61,70,71,73,74,75,76,77,78,80,81,82,83 S.No.7 to 11,15 to 17,19 to 25, H.No. part and S.No.4,H.No.3&4, S.No.5, H.No.1,2&5, S.No.6,H.No.1 S.No.26, H.No.2,3,&4 S.No.27,H.No.1,2&3,S.No.28 H.No.1,2&3, S.No.29 H.No.1&2, S.No.30 H.No.3&5, S.No.31, S.No.33 H.No.2,& S.No.14/1,15/pt & 15/pt,16,17/pt& 18pt central park Of Village: More, Tal- Vasai, Dist- Palghar.**

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./ NR / 1208 / 2014, Date:13/06/2014.
2. An Application received from M/S. Sanat Mehta & Associates Consltants, Date: 29/09/2014.
3. Built up area certificate received from M/s . Sanat Mehta & Associates Consltants, SMA/635/15-I/13Dated: 16/12/2013..
4. R.D.P. Issued by VVCMC/TP/RDP/VP-273/0173/2013-14 Dated: 18/07/2013.
5. Building construction certificate of M/s . Sanat Mehta & Associates Consltants, SMA/624-A/ 15I/14 .Date: 29/09/2014.
6. Gross built up area as per given submitted statement by an consultant **Residential Cum Commercial building Wing- A ,B,&C** is **34072.36 sq.mtrs,**. Accordingly capitation & scrutiny fees of Rs.23,35,000/- vide Receipt No.265642, Dated:.29/09/2014.

Dear Sir,

M/s **Sanat Mehta & Associates** of the project has submitted the proposal for construction of **Residential Cum Commercial building Wing- A ,B,&C at Village: More, Tal- Vasai, Dist- Palghar.**

The entire structure consists **of Residential Cum Commercial building Wing- A ,B,&C is B1+B2+ Gr.+ P1+P2+11 Floor to the height of 44.85 meters** as per the plans details. Construction Work of the above mentioned building is completed up to **of Wing- A ,B,&C The works is Completed up to Piling level** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act-,2006. At Present stage construction work of the above mention building is completed up **of Wing- A, B, &C The works is Completed up to Piling level** . Applicant had obtained RDP too, while taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called). .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

Five staircases are provided for the proposed building in Wing A,B, & C & Wing A,B, & C interconnected to each by corridor /passage on every floor. Out of five staircases three staircases are proposed as a fire Escape Staircase.

Suggestions for fire Escape Staircase:-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound

Operable condition.

2. Fire Escape staircase shall be directly connected to the ground.
3. Fire Escape constructed of M.S.angles is Not Permitted.
4. Fire Escape staircase shall be constructed of non combustible materials and any doorway leading to it shall have the required fire resistance. The fire escape shall be provided with 02 hrs fire resistive door on every floor.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift: - (According to Plan)

16 Lifts provided for proposed building in A,B, & C. Out of 16 lift 5 lifts are proposed as a fire lift.

Suggestions for Fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.
4. In case of normal electric supply fails, It shall automatically trip over to alternate Supply. Alternatively, the lift shall so wire that in case of power failure it will come down to the ground level and Stand Still with door open. Automatic Rescue devise must be installed on the Lift.
5. The word **" Fire Lift"** Shall be conspicuously displayed in fluorescent paint on the lift landing doors at each floor level.

Fire Fighting Requirements and provisions:- (for each wing)

1. Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2. Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3. Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with IS 884;1985.

4. Wet Risers:-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female Single hydrant with IS 5290.

5. Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female couplin of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6. Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places. With IS 3844:1989

7. Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8. Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' class with necessary coating & warping.

22 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

23. Observation for Refuge Area: - (According to Plan)

Refuge area for proposed Building wing A,B,&C Is provided on 8th, floor.

24. Suggestion Refuge Area:-

For building refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

1. **The entrance door to the refuge area shall be painted or fixed with a sing painted in luminous Paint mentioning "REFUGE AREA IN CASE OF EMERGENCY."**
2. **Adequate drinking water facility shall be provided in the refuge area.**
3. **Adequate emergency lighting facility connected to the electric circuit to the staircase, Corridor/passage etc lighting shall be provided.**
4. **Toilet facility shall be providing in the Refuge Area.**

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-
Architect with plan Submitted along with the Application at fire department.

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE
BRIGADE
DIST. PALGHAR

8. **Ring main:-**

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9. UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10. Over Head water tank:-

A separate 25000 litter's over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11. Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrants out let of the down comer.

12. Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13. Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. Manual Operating electric Fire alarm System :-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be installs in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

15. Observation for Refuge Area: - (According to Plan)

Refuge area for proposed Building wing A to H Is provided on 5th. floor.

16. Suggestion Refuge Area:-

For building refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

1. **The entrance door to the refuge area shall be painted or fixed with a sing painted in luminous Paint mentioning "REFUGE AREA IN CASE OF EMERGENCY."**
2. **Adequate drinking water facility shall be provided in the refuge area.**
3. **Adequate emergency lighting facility connected to the electric circuit to the staircase, Corridor/passage etc lighting shall be provided.**
4. **Toilet facility shall be providing in the Refuge Area.**

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIVISION VASAI

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department.

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

Two staircases are provided for the proposed building in each Wing A to H & Out of both staircases one staircase is proposed as a fire Escape Staircase.

Suggestions for fire Escape Staircase:-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.
3. Fire Escape constructed of M.S.angles is Not Permitted.
4. Fire Escape staircase shall be constructed of non combustible materials and any doorway leading to it shall have the required fire resistance. The fire escape shall be provided with 02 hrs fire resistive door on every floor.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

2 Lifts provided for Residential building in each Wing A to H. Out of both lift one lift is proposed as a fire lift.

Suggestions for Fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.
4. In case of normal electric supply fails, It shall automatically trip over to alternate Supply. Alternatively, the lift shall so wire that in case of power failure it will come down to the ground level and Stand Still with door open. Automatic Rescue devise must be installed on the Lift.
5. The word **" Fire Lift"** Shall be conspicuously displayed in fluorescent paint on the lift landing doors at each floor level

Fire Fighting Requirements and provisions:- (for each wing)

1. Fire Duct:-

Each floor level including Basement floor fire duct should be provided.

2. Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3. Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Vertical riser cum Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5. Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6. Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7. Siamese Connection:-

One Siamese connection (2way) shall be provided at entrance gate of building.

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 291/2014-15 DATE: 04/10/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist- Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial building Wing- A to H plot No.81,Plot No.1to4,3,30,31,32,35,42,54,55,58,59,60,61,70,71,73,74,75,76,77,78,80,81,82,83 S.No.7 to 11,15 to 17,19 to 25, H.No.part and S.No.4,H.No.3&4, S.No.5, H.No.1,2&5, S.No. 6,H.No.1 S.No.26,H.No.2,3,&4 S.No.27,H.No.1,2&3,S.No.28 H.No.1,2&3, S.No.29 H.No.1&2, S.No.30 H.No.3&5, S.No.31, S.No.33 H.No.2,& S.No.14/1,15/pt & 15/pt,16,17/pt& 18pt central park Of Village: More, Tal- Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./ NR / 1207 / 2014, Date:13/06/2014.
2. An Application received from M/S. Sanat Mehta & Associates Consltants, Date: 29/09/2014.
3. Built up area certificate received from M/s . Sanat Mehta & Associates Consltants, SMA/637/15-I/13Dated: 16/12/2013..
4. R.D.P. Issued by VVCMC/TP/RDP/VP-273/0173/2013-14 Dated: 18/07/2013.
5. Building construction certificate of M/s . Sanat Mehta & Associates Consltants, SMA/623-A/ 15I/14 .Date: 29/09/2014.
6. Gross built up area as per given submitted statement by an consultant **Residential Cum Commercial building Wing- A to H** is **39183.34 sq.mtrs,**. Accordingly capitation & scrutiny fees of Rs.20,80,000/- vide Receipt No.265639, Dated:.29/09/2014.

Dear Sir,

M/s **Sanat Mehta & Associates** of the project has submitted the proposal for construction of **Residential Cum Commercial building Wing-A to H at Village: More, Tal- Vasai, Dist- Palghar.**

The entire structure consists **of Residential Cum Commercial building Wing-A to H is Gr.+ P1+P2+7 Floor to the height of 29.70 meters** as per the plans details. Construction Work of the above mentioned building is completed up to **of Wing –A The works is Completed up to 1st Slab level, of Wing –B The works is Completed up to 4th Slab level., of Wing –C The works is Completed up to 4th Slab level, of Wing –D The works is Completed up to 4th Slab level, of Wing –E The works is Completed up to 4th Slab level, of Wing –F The works is Completed up to plinth level, of Wing –G The works is Completed up to plinth level & of Wing –HThe works is Completed up to plinth level** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **of Wing –A The works is Completed up to 1st Slab level, of Wing –B The works is Completed up to 4th Slab level., of Wing –C The works is Completed up to 4th Slab level, of Wing –D The works is Completed up to 4th Slab level, of Wing –E The works is Completed up to 4th Slab level, of Wing –F The works is Completed up to plinth level, of Wing –G The works is Completed up to plinth level & of Wing –HThe works is Completed up to plinth level.** Applicant had obtained RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 292/2014-15 DATE: 04/10/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist- Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial building No.1, Wing-A & B , S. No. 352, H. No. 3, Of Village: Juchandra, Tal- Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./ NR / 1206 / 2014, Date:13/06/2014.
2. An Application received from M/S. Sanat Mehta & Associates Consltants, Date: 05/03/2014.
3. Built up area certificate received from M/s . Sanat Mehta & Associates Consltants, Date: 05/03/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP0559/0313/2013-14,Dated: 23/12/2013.
5. Building construction certificate of M/s . Sanat Mehta & Associates Consltants, SMA/170-A/ 176A/14 .Date: 05/03/2014.
6. Gross built up area as per given submitted statement by an consultant **Residential Cum Commercial building No.1, Wing-A & B** is **5702.22 sq.mtrs,**. accordingly capitation & scrutiny fees of Rs.4,00,000/- vide Receipt No.265640, Dated:.29/09/2014.

Dear Sir,

M/s **Sanat Mehta & Associates** of the project has submitted the proposal for construction of **Residential Cum Commercial building No.1, Wing-A & B at Village: Juchandra, Tal- Vasai, Dist- Palghar.**

The entire structure consists **of Residential Cum Commercial building No.1, Wing-A & B is Gr.+07 Floor to the height of 23.95 meters** as per the plans details. Construction Work of the above mentioned building is completed up to **The works is Completed up to Plinth level and further work is in progress.** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **The works is Completed up to Plinth level and further work is in progress.** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

One staircase is provided for the proposed building with the width of 1.5 meter in each Wing A & B & Wing A & B is interconnected to each other by corridor /passage on each floor. Out of both staircases one staircase is proposed as a fire Escape Staircase.

Suggestions for fire Escape Staircase:-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
1. Fire Escape staircase shall be directly connected to the ground.

2. Fire Escape constructed of M.S.angles is Not Permitted.
3. Fire Escape staircase Shall be constructed of non combustible materials and any doorway Leading to it shall have the required fire resistance. The fire escape shall be provided with 02 hrs fire resistive door on every floor.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

2 Lifts provided for Residential building in each Wing A&B. Out of both lift one lift is proposed as a fire lift.

Suggestions for Fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.
4. In case of normal electric supply fails, It shall automatically trip over to alternate Supply. Alternatively, the lift shall so wire that in case of power failure it will come down to the ground level and Stand Still with door open. Automatic Rescue devise must be installed on the Lift.
5. The word **" Fire Lift"** Shall be conspicuously displayed in fluorescent paint on the lift landing doors at each floor level.

Fire Fighting Requirements and provisions:- (for each wing)

1.Fire Duct:-

Each floor level including Basement floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Vertical riser cum Down Comer:-

The entire down comer shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (2way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.UNDER GROUND TANK:-

Underground static water storage tank of 25000 litters capacity each shall be provided at ground level for firefighting as per designs specified in the rules with baffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 25000 litters over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

12.Disel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump is case failure normal electric supply.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 900 lit / minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. Manual Operating electric Fire alarm System :-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be install in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

15. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building wing A &B Is provided on 5th, floor.

16. Suggestion Refuge Area :-

For building refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

1. **The entrance door to the refuge area shall be painted or fixed with a sing painted in luminous Paint mentioning "REFUGE AREA IN CASE OF EMERGENCY."**
2. **Adequate drinking water facility shall be provided in the refuge area.**
3. **Adequate emergency lighting facility connected to the electric circuit to the staircase, Corridor/passage etc lighting shall be provided.**
4. **Toilet facility shall be providing in the Refuge Area.**

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department.

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/301/2014-15 DATE: 07/10/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist- Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial building No. 23, Wing D1, D2, E1, E2 & F in Sector VII at Village: Dongre, Chikki Dongre, Bolinj, Tal-Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./ NR / 1384 / 2014, Date:21/06/2014.
2. An Application received from M/S. Ajay Wade & Associates, Date: 16/06/2014.
3. Built up area certificate received from M/s . Ajay Wade & Associates , Date: 24/09/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0880/037/2014-15, Dated: 15/05/2014.
5. Building construction certificate of M/s . Ajay Wade & Associates, Date: 23/09/2014.
6. Gross built up area as per given submitted statement by an consultant **Residential Cum Commercial building No. 23, Wing D1, D2, E1, E2 & F** is **19284.24 sq.mtrs,**. accordingly capitation & scrutiny fees of Rs.3,18,530/- vide Receipt No.226645, Dated:.02/07/2014. Rs.5,51,000/- vide Receipt No.143673, Dated:.21/08/2013, Rs.4,49,160/- vide Receipt No.187147,Dated:.21/06/2014, Rs.5,54,700/- vide Receipt No.153402,Dated:.13/08/2013,Rs.5,88,700/-vide Receipt No.76053,Dated:.08/03/2013.

Dear Sir,

M/s Ajay Wade & Associates of the project has submitted the proposal for construction of **Residential Cum Commercial building No. 23, Wing D1, D2, E1, E2 & F in Sector VII at Village: Dongre, Chikki Dongre, Bolinj, Tal-Vasai, Dist- Palghar.**

The entire structure consists **of Residential Cum Commercial building No. 23, Wing D1, D2, E1, E2 & F is St/pt.+ 15 Floor** as per the plans details. Construction Work of the above mentioned building is completed up to **The works are Wing- D1 is completed up to 5th Slab, Wing- D2 is Completed up to 6th Slab, Wing- E1 is completed up to 5th Slab, Wing- E2 is completed upto 6th Slab & Wing- F is completed upto 5th Slab** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **Residential Cum Commercial building No. 23, Wing D1, D2, E1, E2 & F,** Construction Work of the above mentioned building is completed up to **The works are Wing- D1 is completed up to 5th Slab, Wing- D2 is Completed up to 6th Slab, Wing- E1 is completed up to 5th Slab, Wing- E2 is completed upto 6th Slab & Wing- F is completed upto 5th Slab** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

Observations of Staircase:- (According to Plan)

1. One staircase is provided for the proposed building with the width of 1.5 meter in wing D1 & D2 and wing D1 & D2 enter connected to each other by corridor lobby passage. One staircase is provided for the proposed building with the width of 1.5 meter in wing E1 & E2 and wing E1 & E2 enter connected to each other by corridor lobby passage & Two staircase is provided for the proposed building with the width of 1.5 meter in wing F.

Out of two Staircase one Staircase in wing D1 & D2 ,wing E1 & E2 & wing F is proposed as fire Escape Staircase.

Suggestions for Fire Escape Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.
3. Fire Escape constructed of M.S.angles is Not Permitted.
4. Fire Escape staircase Shall be constructed of non combustible materials and any doorway Leading to it shall have the required fire resistance. The fire escape shall be provided with 02 hrs fire resistive door on every floor.

4. Fire Escape staircase Shall be constructed of non combustible materials and any doorway Leading to it shall have the required fire resistance. The fire escape shall be provided with 02 hrs fire resistive door on every floor.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

2 Lifts provided for building No. 23,in Each Wing D1, D2, E1, E2 & F in the Building. Out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.
4. In case of normal electric supply fails, It shall automatically trip over to alternate Supply. Alternatively, the lift shall so wire that in case of power failure it will come down to the ground level and Stand Still with door open. Automatic Rescue devise must be installed on the Lift.
5. The word **" Fire Lift"** Shall be conspicuously displayed in fluorescent paint on the lift landing doors at each floor level.

Fire Fighting Requirements and provisions (For Each Wing):-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with IS 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant with IS 5290.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places. With IS 3844:1989

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical/diesel pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. Manual Operating electric Fire alarm System :-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be installs in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

17. Sprinkler System:-

Automatic Sprinkler system shall be provided in the lift lobby/ common passage at each floor as per the standard laid down by TAC or relevant IS specification.

18. Smoke Detector System:-

The Smoke Detector shall be provided in lift machine room and electrical meter room .

19. Pump Room :-

1. The Pump house shall be adequate dimension to house all the pumps with suction delivery pipes fittings and starter control panel ,air vessel etc with adequate circulation area .
2. The pump Room should be located preferably outside the building with the minimum clearance of 6 meters from the adjoining building .The Exhaust pipe of the Diesel Engine Should be extended to outside the pump house and discharge at an appropriate height.
3. The pump control Panel should also be housed in the pump room.

20. Fire control room:-

1. There shall be a control room on the entrance floor of the building with communication system (Suitable Public Address System) to all the floors and Facilities for receiving the massage from different floors.

2. Details of all floor Plan along with the details of firefighting equipment and installation shall be maintained in the fire control room.

3.The fire control room also Have facilities to the fire on any floors through indicator board connection ,fire detection and alarm system on all floors.

21 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

22. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed building No. 23, Wing D1, D2, E1, E2 & F in Sector VII Is provided on 8th & 13th floor.

23. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

1. **The entrance door to the refuge area shall be painted or fixed with a sing painted in luminous Paint mentioning "REFUGE AREA IN CASE OF EMERGENCY."**
2. **Adequate drinking water facility shall be provided in the refuge area.**
3. **Adequate emergency lighting facility connected to the electric circuit to the staircase, Corridor/passage etc lighting shall be provided.**
4. **Toilet facility shall be providing in the Refuge Area.**

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

Town Planning department is requested to verify the total built up area and inform this office and if same is found to be more for the purpose of levying additional capitation fees if required.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

PAL CORPORATION E ADE .GHAR.

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 302/2014-15 DATE: 07/10/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist- Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial building Wing A, B & C, On Land bearing S. NO. 238, At Village: Nilemore, Tal-Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./ NR / 1320 / 2014, Dated:19/06/2014.
2. An Application received from M/S. Ajay Wade & Associates, Dated: 16/06/2014.
3. Built up area certificate received from M/s . Ajay Wade & Associates, Dated: 24/09/2014.
4. C.C.. Issued by VVCMC/TP/CC/VP-0056/690, Dated:22/07/2011.
5. Building construction certificate of M/s . Ajay Wade & Associates, Dated: 24/09/2014.
6. Gross built up area as per given submitted statement by an consultant **Residential Cum Commercial building Wing A, B & C** is **7319.49 sq.mtrs,**. Accordingly capitation & scrutiny fees of Rs.1,20,000/- vide Receipt No.90458, Rs.1,20,000/- vide Receipt No.90459, Dated.12/04/2013.& Rs.1,20,000/- vide Receipt No.265660, Dated.4/10/2013.

Dear Sir,

M/s Ajay Wade & Associates Consultant of the project has submitted the proposal for construction of **Residential Cum Commercial building Wing A, B & C of Village:NileMore, Tal-Vasai, Dist- Palghar.**

The entire structure consists **of Residential Cum Commercial building Wing A, B & C, St/Gr.+11 Floor to the height of 35 meters** as per the plans details. Construction Work of the above mentioned building is completed up to **The works are Wing A is completed up to plinth level & Wing B &C is completed upto 8th Slab** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **Residential Cum Commercial building Wing A, B & C The works are Wing A is completed up to plinth level & Wing B &C is completed upto 8th Slab** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.meter in Each wing A ,B &C. out of two Staircases in each wing one Staircase is proposed as fire Escape Staircase.

Recieved

Suggestions for fire Escape Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
1. Fire Escape staircase shall be directly connected to the ground.
2. Fire Escape constructed of M.S.angles is Not Permitted.
3. Fire Escape staircase Shall be constructed of non combustible materials and any doorway Leading to it shall have the required fire resistance. The fire escape shall be provided with 02 hrs fire resistive door on every floor.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift: - (According to Plan)

2 Lifts provided for each wing A,B&C Lifts provided in the Building. out of two Lift in each wing one Staircase is proposed as fire Lift Staircase.

Suggestions for Fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.
4. In case of normal electric supply fails, It shall automatically trip over to alternate Supply. Alternatively, the lift shall so wire that in case of power failure it will come down to the ground level and Stand Still with door open. Automatic Rescue devise must be installed on the Lift.
   The word **"Fire Lift"** Shall be conspicuously displayed in fluorescent paint on the lift landing Doors at each floor level.

Fire Fighting Requirements and provisions:- for each wing

1. Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4.Vertical Risers Cum Down comer :-

The entire **Vertical Risers Cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7. Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8. Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **25000 litters capacity** each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 2**5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11. Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12. Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

13. Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. Manual Operating electric Fire alarm System :-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be installs in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

15. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building Residential Cum Commercial building Wing A,B&C Is provided on 8th, floor.

16. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/303/2014-15 DATE: 07/10/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist- Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial building Wing A to F On Land bearing S. NO. 246, H.No. 1,2 & S.No. 247 Of Village: Nilemore, Tal- Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./ NR / 1325 / 2014, Dated:19/06/2014.
2. An Application received from M/S. Ajay Wade & Associates, Dated: 16/06/2014.
3. Built up area certificate received from M/s Ajay Wade & Associates, Dated: 24/09/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0567/0106/2014-15, Dated:13/08/2014.
5. Building construction certificate of M/s Ajay Wade & Associates, Dated: 24/09/2014.
6. Gross built up area as per given submitted statement by an consultant **Residential Cum Commercial building Wing A to F** is **8885.85 sq.mtrs,**. accordingly capitation & scrutiny fees of Rs.2,90,000/- vide Receipt No.187146, Rs.5,80,000/- vide Receipt No.187148, & Rs.5,80,000/- vide Receipt No.187149,Dated:.21/06/2014.

Dear Sir,

M/s Ajay Wade & Associates Consultant of the project has submitted the proposal for construction of **Residential Cum Commercial building Wing A to F of Village: Nilemore, Tal-Vasai, Dist- Palghar.**

The entire structure consists **of Residential Cum Commercial building Wing A to F is Gr.+ St+ 10 (pt) Floor to the height of 32.15 meters** as per the plans details. Construction Work of the above mentioned building is completed up to **Wing A,B,C, is completed up to 8th Slab, Wing D,E is Completed up to 1st Slab, & Wing F is completed upto 5th Slab** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to Residential Cum Commercial building Wing A to F The works are Wing A,B,C, is completed up to 8th Slab, Wing D,E is Completed up to 1st Slab, & Wing F is completed up to 5th Slab. Applicant had obtained RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter in Each wing A to F. out of two Staircases in each wing one Staircase is proposed as fire Escape Staircase.

Suggestions for fire Escape Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.

Recieved

3 Fire Escape constructed of M.S.angles is Not Permitted.

4 Fire Escape staircase Shall be constructed of non combustible materials and any doorway Leading to it shall have the required fire resistance. The fire escape shall be provided with 02 hrs fire resistive door on every floor.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift: - (According to Plan)

2 Lifts provided for each wing A To F Lifts provided in the Building. out of lift Staircases in each wing one lift is proposed as fire lift .

Suggestions for Fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.
4. In case of normal electric supply fails, It shall automatically trip over to alternate Supply. Alternatively, the lift shall so wire that in case of power failure it will come down to the ground level and Stand Still with door open. Automatic Rescue devise must be installed on the Lift.
   The word **" Fire Lift"** Shall be conspicuously displayed in fluorescent paint on the lift landing Doors at each floor level.

Fire Fighting Requirements and provisions:- for each wing

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Vertical Risers Cum Down comer :-

The entire **Vertical Risers Cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **25000 litters capacity** each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting

breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate 2**5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11. Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

13.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. Manual Operating electric Fire alarm System :-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be installs in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

15. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building Residential Cum Commercial building Wing A to F Is provided on 8th, floor.

16. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

Town Planning department is requested to verify the total built up area and inform this office and if same is found to be more for the purpose of levying additional capitation fees if required.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 304/2014-15 DATE: 07/10/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist- Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Industrial building No.1&2 On Land bearing S. NO. 46, H.No. 2/10 & S.No. 47, H.No. 4/4 Of Village: Bilalpada, Tal-Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./ NR / 1377 / 2014, Date:21/06/2014.
2. An Application received from M/S. Ajay Wade & Associates, Date: 16/06/2014.
3. Built up area certificate received from M/s . Ajay Wade & Associates, Date: 16/06/2014.
4. C.C.. Issued by VVCMC/TP/CC/VP-5133/3361/2012-13, Dated: 12/03/2013.
5. Building construction certificate of M/s . Ajay Wade & Associates, Date: 16/06/2014.
6. Gross built up area as per given submitted statement by an consultant **Industrial building No.1** is **2094.36 sq.mtrs,. & building No. 2** is **3257.17 sq.mtrs,**. accordingly capitation & scrutiny fees of Rs.7,80,000/- vide Receipt No.226606, Dated:.30/06/2014.

Dear Sir,

M/s Ajay Wade & Associates of the project has submitted the proposal for construction of **Industrial building No.1&2 of Village: Bilalpada, Tal- Vasai, Dist- Palghar.**

The entire structure consists **of Industrial building No.1 is Gr.+ 2 Floor & Industrial building No.2 is Gr.+ 1 Floor to the height of 15 meters** as per the plans details. Construction Work of the above mentioned building is completed up to **The works are Industrial building No. 1 is in Progress above Plinth Level & Industrial building No. 2 is Just Started.** As per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building, accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **The works are Industrial building No. 1 is in Progress above Plinth Level & Industrial building No. 2 is Just Started.** Applicant had obtained CC/RDP too, while taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called).

After complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

Two staircases are provided for the proposed building Industrial building No. 1 & Three staircases is provided for the proposed building Industrial building No. 2. Out of two Staircases Industrial building No. 1 one Staircase is proposed as fire Escape Staircase & out of Three Staircases Industrial building No. 1 one Staircase is proposed as fire Escape Staircase.

Suggestions for Fire Escape Staircase:-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.

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2. Fire Escape staircase shall be directly connected to the ground.
3. Fire Escape constructed of M.S.angles is Not Permitted.
4. Fire Escape staircase shall be constructed of non combustible materials and any doorway leading to it shall have the required fire resistance. The fire escape shall be provided with 02 hrs fire resistive door on every floor.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift: - (According to Plan)

One lift is provided for the proposed building Industrial building No. 1 & Two lifts are provided for the proposed building Industrial building No. 2.. Out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Lift:-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.
4. In case of normal electric supply fails, It shall automatically trip over to alternate Supply. Alternatively, the lift shall so wire that in case of power failure it will come down to the ground level and Stand Still with door open. Automatic Rescue devise must be installed on the Lift.
The word **"Fire Lift"** Shall be conspicuously displayed in fluorescent paint on the lift landing Doors at each floor level.

Fire Fighting Requirements and provisions:- (for Bldg No-1 & Bldg No-2)

1. Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2. Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3. Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with IS 884;1985.

4. Wet Risers:-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female Single hydrant with IS 5290.

5. Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6. Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places. With IS 3844:1989

7. Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8. Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9. Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10. Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11. Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12. Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet risers shall be connected to Standby electrical/diesel pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. D. G. SET: -

Diesel Generator should be installed to supply power to staircase and corridor lighting circuits, fire lift, and the stand by fire pump in case of failure of normal electric supply.

18. Manual Operating electric Fire alarm System :-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be installs in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

19. Sprinkler System:-

Automatic Sprinkler system shall be provided at each floor as per the standard laid down by TAC or relevant IS specification.

20. Smoke Detector System:-

The Smoke Detector shall be provided in lift machine room and electrical meter room.

21. Pump Room:-

- The Pump house shall be adequate dimension to house all the pumps with suction delivery pipes fittings and starter control panel, air vessel etc with adequate circulation area.
- The pump Room should be located preferably outside the building with the minimum clearance of 6 meters from the adjoining building .The Exhaust pipe of the Diesel Engine Should be extended to outside the pump house and discharge at an appropriate height.

- The pump control Panel should also be housed in the pump room.

22 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV, 2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

Town Planning department is requested to verify the total built up area and inform this office and if same is found to be more for the purpose of levying additional capitation fees if required.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. THANE

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department.

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 305/2014-15 DATE: 07/10/2014

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist- Palghar.

Sub:- Grant of " Provisional No Objection Certificate" for your Proposed Construction of Residential Cum Commercial building No. 19, Wing B in Sector VII at Village: Dongre, Chikki Dongre, Bolinj, Tal-Vasai, Dist- Palghar.

Ref:-1. A Letter from Deputy Director Town Planning No. V.V.C.M./ NR / 1384 / 2014, Date:21/06/2014.
2. An Application received from M/S. Ajay Wade & Associates, Date: 16/06/2014.
3. Built up area certificate received from M/s . Ajay Wade & Associates , Date: 24/09/2014.
4. R.D.P. Issued by VVCMC/TP/RDP/VP-0880/037/2014-15, Dated: 15/05/2014
5. Building construction certificate of M/s . Ajay Wade & Associates, Date: 23/09/2014.
6. Gross built up area as per given submitted statement by an consultant **Residential Cum Commercial building No. 19, Wing B** is **4609.37 sq.mtrs,**. accordingly capitation & scrutiny fees of Rs.5,92,500/- vide Receipt No.226644, Dated:.02/07/2014.

Dear Sir,

M/s Ajay Wade & Associates of the project has submitted the proposal for construction of **Residential Cum Commercial building No. 19, Wing B in Sector VII at Village: Dongre, Chikki Dongre, Bolinj, Tal-Vasai, Dist- Palghar.**

The entire structure consists **of Residential Cum Commercial building No. 19, Wing B is St/pt.+ 15 Floor to the height of 47 meters** as per the plans details. Construction Work of the above mentioned building is completed up to **The works are Wing- B is completed up to 12th Slab,** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is completed up to **Residential Cum Commercial building No. 19, Wing B** Construction Work of the above mentioned building is completed up to **The works are Wing- B is completed up to 12th Slab** Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

1. Two staircase is provided for the proposed building with the width of 1.5 meter & 1.2 meter in Residential Cum Commercial building No. 19, Wing B. out of two Staircase one Staircase is proposed as fire Escape Staircase.

Suggestions for fire Escape Staircase :-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
2. Fire Escape staircase shall be directly connected to the ground.
3. Fire Escape constructed of M.S.angles is Not Permitted.

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4. Fire Escape staircase Shall be constructed of non combustible materials and any doorway Leading to it shall have the required fire resistance. The fire escape shall be provided with 02 hrs fire resistive door on every floor.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Observations of Lift :- (According to Plan)

2 Lifts provided for Residential Cum Commercial building No. 19, Wing B Lifts provided for in the Building. Out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Fire Lift :-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.
4. In case of normal electric supply fails, It shall automatically trip over to alternate Supply. Alternatively, the lift shall so wire that in case of power failure it will come down to the ground level and Stand Still with door open. Automatic Rescue devise must be installed on the Lift.
5. The word **" Fire Lift"** Shall be conspicuously displayed in fluorescent paint on the lift landing doors at each floor level.

Fire Fighting Requirements and provisions:-

1.Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2.Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3.Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with IS 884;1985.

4.Wet Risers :-

The entire wet riser shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant with IS 5290.

5.Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6.Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places. with IS 3844:1989

7.Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8.Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9.Under Ground Water Tank:-

Underground static water storage tank of **75000 litters capacity** each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10.Over Head water tank:-

A separate **5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11.Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12.Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

13. JOCKEY PUMP:-

One suitable jockey pump on underground water tank for maintaining the pressurized system has been accepted.

14. PRIMING TANK :-

It is necessary to install at the each pump room to prime the pump in case of emergency.

15. STANDBY ELECTRICAL PUMP OR DIESEL PUMP:-

Wet riser shall be connected to Standby electrical/diesel pump same capacity of electrical pump shall be provided in case of failure of electric pump.

16. Manual Operating electric Fire alarm System :-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be installs in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

17. Sprinkler System:-

Automatic Sprinkler system shall be provided in the lift lobby/ common passage at each floor as per the standard laid down by TAC or relevant IS specification.

18. Smoke Detector System:-

The Smoke Detector shall be provided in lift machine room and electrical meter room .

19. Pump Room :-

- The Pump house shall be adequate dimension to house all the pumps with suction delivery pipes fittings and starter control panel ,air vessel etc with adequate circulation area .
- The pump Room should be located preferably outside the building with the minimum clearance of 6 meters from the adjoining building .The Exhaust pipe of the Diesel Engine Should be extended to outside the pump house and discharge at an appropriate height.
- The pump control Panel should also be housed in the pump room.

20. Fire control room:-

- There shall be a control room on the entrance floor of the building with communication system (Suitable Public Address System) to all the floors and Facilities for receiving the massage from different floors.
- Details of all floor Plan along with the details of firefighting equipment and installation shall be maintained in the fire control room.
- 3.The fire control room also Have facilities to the fire on any floors through indicator board connection ,fire detection and alarm system on all floors.

21 .PUBLIC ADDRESS SYSTEM:-

The building shall be provided with Public Address System with Consoled at ground floor level.

22. Observation for Refuge Area :- (According to Plan)

Refuge area for proposed Building No.19 Wing B-8th floor Is provided on 13th floor.

23. Suggestion Refuge Area :-

For building above 24 Mtrs in height, refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

1. **The entrance door to the refuge area shall be painted or fixed with a sing painted in luminous Paint mentioning "REFUGE AREA IN CASE OF EMERGENCY."**
2. **Adequate drinking water facility shall be provided in the refuge area.**
3. **Adequate emergency lighting facility connected to the electric circuit to the staircase, Corridor/passage etc lighting shall be provided.**
4. **Toilet facility shall be providing in the Refuge Area.**

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

Town Planning department is requested to verify the total built up area and inform this office and if same is found to be more for the purpose of levying additional capitation fees if required.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR.

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org .

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 365/2014-15 DATE: 21/01/2015

TO,
The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- Grant of " Revised Provisional No Objection Certificate" for your Proposed Construction of Phase-I, Sector-I, Residential Cum Commercial Building No.2 (Wing A) & Residential Building (Wing B) Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Palghar.

Ref:- 1. A Letter from Deputy Director Town Planning No. V.V.C.M./NR/3796/2014, Date:19/01/2015.
2. An Application received from M/s – Sanat Mehta & Associates . Dated- 16/1/2015.
3. Built up area certificate received from M/s Sanat Mehta & Associates. Dated- 16/01/2015.
4. C.C. Issued by VVCMC/TP/CC/VP-0193& VP- 0359/311/2012-13 Dated-.05/05/2012.
5. Building construction work at present stage certificate Ref No. SMA/056/164D/15 of M/s Sanat Mehta & Associates. Dated-20/01/2015.
6. Gross built up area as per given submitted statement by an consultant 4314.58 sq.mtrs. accordingly capitation & scrutiny fees of Rs.3,20,000/- vide Receipt No-267082. Dated:16/01/2015 D.D NO. 020151 of Bassine Catholic Bank.

Dear Sir,

M/s Sanat Mehta & Associates Consultant of the project has submitted the proposal for construction of **Phase-I, Sector-I, Residential Cum Commercial Building No.2 (Wing A) & Residential Building (Wing B) Group Housing Scheme at Village: Nilemore, Tal-Vasai, Dist- Palghar.**

The entire structure consists of Ground floor + 7 upper floor to the height of 23.90 meters as per the plans details. Construction Work of the above mentioned building is **RCC Work Completed Upto 4th Slab** as per the Ref.No.5. Applicant had obtained RDP As per ref.No.4.

Hereby, our department recommending the fire Safety majors in the building ,accordingly the plan are scrutinized as per the Fire & Life safety Measures adhering to National Building Code-2005. & Maharashtra Fire Prevention and Life Safety Measures Act,2006.At Present stage construction work of the above mention building is **RCC Work Completed Up to 4th Slab** . Applicant had obtained CC/RDP too, While taking into consideration of these facts this department is issuing the provisional NOC. The following fire protection & prevention Systems should be provided by applicant (Developer, Owner, Occupier by whatever name called) .

After Complying these recommendations this department will issue a Final No Objection Certificate for the purpose of occupational certificate.

OBSERVATION & DIRECTIONS ARE GIVEN BELOW:

Access:-

Minimum one entrance & one exit gates provided with minimum width 4.5 mtrs. Each and archways if any provided shall have height clearance of 5 meters shall be provided.

Open Space:-

Minimum 6 meters open space around all the building must be paved & maintained free of all projection / encroachment / obstruction for easy movement of fire appliances & same shall be capable of taking the load of fire engines up to 40 tons. The open space must be in accordance to the sanction plan only.

Observations of Staircase:- (According to Plan)

One staircase is provided for the proposed building with the width of 1.5 in wing A & One staircase is provided for the proposed building with the width of 1.2 in wing B meter. Wing A &B interconnected to Each other By corridor / Passage On every Floor. Out of two Staircases one Staircase is proposed as fire Escape Staircase

Suggestions for Fire Escape Staircase:-

1. Fire Escape staircase should be enclosed type. These should always be kept in sound Operable condition.
1. Fire Escape staircase shall be directly connected to the ground.
2. Fire Escape constructed of M.S.angles is Not Permitted.

3. Fire Escape staircase shall be constructed of non combustible materials and any doorway leading to it shall have the required fire resistance. The fire escape shall be provided with 02 hrs fire resistive door on every floor.

Observations of Lift: - (According to Plan)

2 Lifts provided for Wing A & 1 Lifts provided for Wing B in the Building. Out of both Lift in each wing one lift is proposed as a fire lift.

Suggestions for Lift:-

1. The lift shall have a floor area of not less than 1.4 sq.mtrs. it shall have loading capacity of no less than 545 kg. 8 passengers and fully a automated closing doors of minimum 0.8 mtrs. Width with emergency Switch on Ground level. The collapsible shutters shall not be provided.
2. In case of fire, only fireman Shall operate the fire lift in normal course it may be used by other persons.
3. Each fire lift shall be equipped with suitable inter communication equipment for communication with the control room on the ground floor of the building.
4. In case of normal electric supply fails, It shall automatically trip over to alternate Supply. Alternatively, the lift shall so wire that in case of power failure it will come down to the ground level and Stand Still with door open. Automatic Rescue devise must be installed on the Lift.

The word **"Fire Lift"** Shall be conspicuously displayed in fluorescent paint on the lift landing Doors at each floor level.

Service Duct:-

All the service ducts shall be sealed at each floor level with non combustible material such as vermiculite / intumescing material.

Fire Fighting Requirements and provisions:- for each wing

1. Fire Duct:-

Each floor level including Ground floor fire duct should be provided.

2. Portable Fire Extinguishers:-

Required on each floor (ABC Type 6 kg) with IS-2190. & also in Lift machine room, Electric meter room. at pump room & at other required places.

3. Hose Reel Hose:-

One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers / down comer main and diameters of the hose reel shall not be less than 19mm with Is 884;1985.

4. Vertical Risers Cum Down comer :-

The entire **Vertical Risers Cum Down comer** shall comprise of 100 mm internal diameter 'C' class GI pipe. The risers / down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.

5. Hose Box:-

15 mtrs. Flax RRL hose fitted with male & female coupling of 63 mm dia with one nozzle shall be in separate hose box on alternate floor.

6. Courtyard Hydrant:-

External courtyard hydrants shall be provided in the building on the site at prominent places.

7. Siamese Connection:-

One Siamese connection (4 way) shall be provided at entrance gate of building.

8. Ring main:-

Periphery ring main of the compound 4 inch dia. G.I.'C' Class with necessary coating & warping.

9. Under Ground Water Tank:-

Underground static water storage tank of **25000 litters capacity** each shall be provided at ground level for firefighting as per designs specified in the rules with buffle wall and fire brigade collecting

breaching. The tanks shall be provided in such a manner that its manholes are easily accessible to fire appliances and the depth of the tank from manhole level shall not be more than 3.5 mtrs.

10. Over Head water tank:-

A separate 2**5000 litters** over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.

11. Diesel Generator set:-

Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case failure normal electric supply.

12. Booster Pump:-

Booster at the terrace level of 450 liters / minutes capacity, giving a pressure of not less than 3.2 kg / cm2 at the top most hydrant out let of the down comer.

13. Electrical Pump:-

Each wet riser shall be connected to a electrical pump at ground level of 1620 lit/ minutes capacity giving the pressure not less than 3.2 kgs/cm2 at the top at the top most hydrant The pump provided should be of multistage type with suction and delivery of appropriate sizes with low level riser.

14. Manual Operating electric Fire alarm System :-

The building shall be provided with manual fire alarm system with main control panel at ground floor and pill boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance to relevant I.S. specification. The System to be installs in accordance with (IS.-2189/1999) code Practice of Automatic fire alarm system.

15. Observation for Refuge Area: - (According to Plan)

Refuge area for proposed Building is Provided on 5th floor.

16. Suggestion Refuge Area:-

Refuge area of 15 Sq.Mtrs. or an area equivalent to 0.3 Sq.Mtrs per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided. The refuge area shall be provided on the periphery of the floor or preferably on a cantilever projection & open to air at least on one side protected with suitable railings.

1. **The entrance door to the refuge area shall be painted or fixed with a sing painted in luminous Paint mentioning "REFUGE AREA IN CASE OF EMERGENCY."**
2. **Adequate drinking water facility shall be provided in the refuge area.**
3. **Adequate emergency lighting facility connected to the electric circuit to the staircase, Corridor/passage etc lighting shall be provided.**
4. **Toilet facility shall be providing in the Refuge Area.**

General conditions:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. The other provisions of D.C. Rules of V.V.C.M.C & N.B.C part IV,2005. Should be strictly followed.
6. Balcony must open on every floor protected with suitable railings.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

VASAI VIRAR CITY MUNICIPAL CORPORATION FIRE BRIGADE DIST. PALGHAR

21/11/2015

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to-

Architect with plan Submitted along with the Application at fire department

Note :- As per the fire Prevention and Life Safety Measures Act the fire fighting Installation work has to be carried out by licensing fire contractor authorized by Director of Maharashtra fire services only. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 393/2014-15 DATE: 27/01/2015

TO,

M/s A.M.K. Associates,
Agarwal Group, Shop No-9. Gokul Annexe, Agarwal Gardens,
(phase-II), Gokul Township,Bolinj,Virar(West),Dist-Palghar.

Sub-" Renewal of Final No Objection Certificate"of RESIDENTIAL CUM COMMERCIAL BUILDING No.4, Known as VRINDAVAN GARDENS in Sector -5, wing N in Yashwant Viva Township on land bearing Sr.No. 49 To 56 & 77 at Village-Achole, Tal- Vasai, Dist.-Palghar.

Ref:-

1) **An Application received by M/s. AMK Associates. Dated:-19/12/2014.**
2) **Certificate from License Agency M/s Shree Sainath Enterprises, Dated:-01/01/2015 (Form B)**
3) **This Office Renewal Final No Objection Certificate No. VVCMC/FIRE/063/2014-15 Dated- 02/07/2014.**

Dear sir,

With reference to Sr.No.1 above, this office is in receipt of your application for your **RESIDENTIAL CUM COMMERCIAL BUILDING Known as Vrindavan Gardens wing N in Building No.4,in sector No.5 in Yashwant Viva Township at** at above mentioned address.Since the fire fighting arrangements carried out inspection **by License Agency** i.e. **M/s. Shree Sainath Enterprises bearing License No. –MFS-LA/RF-0076 ,Dated- 08/08/2014 issued by MFS office and has submitted Certificate of dated -01/01/2015 in "Form B" prescribed in Maharashtra Fire Prevention & Life Safety Measure Rules 2009",** this office is issuing a "Renewal No Objection Certificate" for your building.

This certificate shall be treated valid **up to 31/12/2015** It is your responsibility to get the same renewed every year after inspection of fire fighting installation and arrangements provided for fire & life safety. After paying renewal fees Fire Brigade Department will renew the Final No Objection Certificate.

Under **sub-section (3) of section 3** of **"Maharashtra Fire Prevention and Life Safety Measures Act, 2006"** it is responsibility of the Owner or the Occupier as the case may be, shall furnish to The Chief Fire Officer or nominated officer a Certificate in a prescribed form twice a year in the Month of January & July regarding maintenance of fire prevention and life safety measure in good repair and efficient condition as specified in sub-section (1).

The Fire Fighting System provided by the Owner or the Occupier in the premises shall be well maintained & shall be kept in tip-top working condition at all the time. If the fire protection system is not maintained, retrenched then this "N.O.C." will stand cancelled without any notice & the Owner or the Occupier will be solely responsible to loss of life or property if any, which may please be noted.

The Party has paid already paid the Rs. 22,000 /- vide Receipt No.267035 , Dated 05/01/2015, DD.bearing No.671470 Issued by Oriental Bank of Commerce, Renewal fees for the said building.

The undersigned reserves right to amend any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the company. **If any change of Activity or Transfer of Plot or any future expansion, No Objection Certificate from this office is essential.**

Thanking you.

FIRE BRIGADE

27/1/2015

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to Architect

Please Note:- The Developer / Owner / Occupier have to Renew the N.O.C. on 1st Jan . of every year & submit the next Testing Certificate of fire fighting system's only from Licensed Agency appointed by Government of Maharashtra on 1st July of every year. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org

VASAI VIRAR CITY MUNICIPAL CORPORATION
FIRE DEPARTMENT

Tel. No. 0250-252101/02/03/04/05/06

VVCMC/FIRE/ 400/2014-15 DATE: 31/01/2015

TO,

The Deputy Director of Town Planning,
Vasai Virar City Municipal Corporation,
Dist-Palghar.

Sub:- "Final No Objection Certificate" of Residential cum commercial Building Wing A, Residential Building. Wing B ,on Land Bearing Plot No. 1 to 4,30,31 ,32,35, 42,54, 55, 58,59,60,61,70,71,73,74,75,76,77,78,80,81,82,83,on Land Bearing S.No.7 to 11, 15 to 17,19 to 25 H.No. part,S.No.4 H.No.3,4,S.No.5, H.No.1,2,5 S.No.6,H.No.1,S.No.26, H.No.2,3,4, S.No.27,H.No.1,2,3, S.No.28, H.No.1,2,3, S.No.29, H.No.1,2, S.No.30, H.No.3,5, S.No.31, S.No.33, H.No.2, S.No.14/1,15/pt,16,17/pt,18/pt at village More ,Tal-Vasai, Dist- Palghar.

Ref :-
1. **A Letter of Dy. Director, Town planning Dept. No. VVCM / NR / 3387 / 2014, Dated:- 24/12/2014.**
2. **An application received by M/s. Sanat Mehata & Associates , Dated: 08/11/2014.**
3. **Revised D.P Issued By VVCMC/TP/RDP/VP-273/0173/2013-14 Dated: 18/07/2013.**
4. **Certificate from License Agency M/s- Sai Enterprises, Dated: 15/11/2014 - (Form A).**
5. **Building Completion certificate . M/s. Sanat Mehata & Associates , Dated: 08/11/2014.**
6. **Built up area certificate M/s. Sanat Mehata & Associates , Dated: 08/11/2014.**
7. **Structure Stability certificate M/S SHILPLEKH CONSULTANT Dated:- 11/08/2014.**
8. **License to work the Lift From Govt. of Maharashtra Industries, Energy & Labour, No. 147277 & 147282 Dated:- 31/10/2014.**
9. **This office Provisional No objection Certificate No. VVCMC/FIRE/279/ 2012-13, Dated:19/03/2013.**

Dear Sir,

With reference to Sr.No.2 above, this office is in receipt of your application for your **Residential cum commercial Building Wing A, Residential Building. Wing B** at above mentioned address. Since the fire fighting arrangements provided is installed by **License Agency i.e. M/s. Sai Enterprises bearing License No. MFS-LA/F-0249, issued by MFS office and has submitted Certificate On -15/11/2014 in "Form A" prescribed in Maharashtra Fire Prevention & Life Safety Measure Rules 2009,** this office is issuing a **"Final No Objection Certificate"** for your following building having built up area admeasuring to ~~3913.84~~ Sq.Mtrs. This certificate shall be treated valid **up to 31/12/2015** It is your responsibility to get the same renewed every year after inspection of fire fighting installation and arrangements provided for fire & life safety. After paying renewal fees Fire Brigade Department will renew the Final No Objection Certificate.

Under **sub-section (3) of section 3** of **"Maharashtra Fire Prevention and Life Safety Measures Act, 2006"** it is responsibility of the Owner or the Occupier as the case may be, shall furnish to The Chief Fire Officer or nominated officer a Certificate in a prescribed form twice a year in the Month of January & July regarding maintenance of fire prevention and life safety measure in good repair and efficient condition as specified in sub- section (1).

The Fire Fighting System provided by the Owner or the Occupier in the premises as per provisional No Objection Certificate shall be well maintained & shall be kept in tip-top working condition at all the time. If the fire protection system is not maintained, retrenched then this "N.O.C." will stand cancelled without any notice & the Owner or the Occupier will be solely responsible to loss of life or property if any, which may please be noted.

The undersigned reserves right to amend any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the building. **If any change of Activity or Transfer of Plot or any future expansion, No Objection Certificate from this office is essential.**

Thanking you.

31/01/2015

NOMINATED FIRE OFFICER
VASAI VIRAR CITY MUNICIPAL CORPORATION.

Copy to Architect

Please Note:- The Developer / Owner / Occupier have to Renew the N.O.C. on 1st Jan. of every year & submit the next Testing Certificate of fire fighting systems only from Licensed Agency appointed by Government of Maharashtra on 1st July of every year. The list of the License Agencies is available on www.maharashtrafireservice.org or www.mfsindia.org

M.M. Rane