

**MUNICIPAL CORPORATION OF GREATER MUMBAI**

HYDRAULIC ENGINEERS DEPARTMENT

HE/ 267 /EEWW (P.&R.)/N.O.C. - 2 JUN 2017

Office of Ex. Eng. (P & R)  
'B' Ward Office,  
3<sup>rd</sup> Floor, Near J J Hospital,  
BabulaTank Cross Road,  
Mumbai-400009

To,  
Vivek Bhole Architects Pvt Ltd  
1<sup>st</sup> Floor, Pinnacle Business Park,  
Mahakali Caves Road, MIDC,  
Andheri(East),  
Mumbai 400093

Subject: HE's Remarks for proposed redevelopment of existing buildings on plot bearing CS No 1539 & 1540 situated at Worli known as BDD chawl in G/South ward.

Reference : 1) Your letter under no. nil dated 20.04.2017 Submitted to this office on dtd.19.05.2017.

2) Scrutiny fee receipt no. 1002958829 dated 11.05.2017.

As per the plans and documents submitted by Architect / MHADA the proposed redevelopment scheme under reference comprises residential cum commercial buildings accommodating 14,808 tenements, 16,570 persons of commercial users. Total water requirement of the proposed scheme works out to 10.0 MLD for residential purpose & 0.75 MLD for commercial purpose.

By direction, I have to inform you that, as far as Hydraulic Engineer's department is concerned, there is no objection to the proposed redevelopment scheme under reference subject to compliance of following conditions:

- 1) The water supply for the proposed redevelopment will be made available as per prevailing norms, on submission of occupation certificate.
- 2) All the Off-site / On-site feeder and distribution water mains required for water supply to the proposed redevelopment, shall have to be laid by MHADA / Developer at their cost.
- 3) MHADA / Developer shall have to submit detailed phase wise development plan in view of condition number (1 & 2) above.
- 4) The water supply can be made available only after the laying and commissioning of internal water main in access road of layout, if required from municipal feeder main by the MHADA / developer, at their cost, after obtaining approval from this department.
- 5) MHADA / Developer to make necessary arrangements by way of recycling sewage / sullage water with recharging mechanism, use of bore well water and provision of rainwater harvesting for non-potable uses.
- 6) Municipal water supply will not be made available for Air conditioning / Swimming pool purposes. Water supply brought from other than Municipal source shall not be mixed with Municipal water supply at any stage. Separate water storage tank and separate water mains, painted with red colour, shall be used for the same.
- 7) Well / Bore well water shall be used for the construction of buildings & for flushing purpose after completion of the building. Bore well water shall not be mixed with Municipal water supply at any stage. Separate water storage tank and separate water mains, painted with red colour, shall be used for the same.



- 8) Physically separate underground and overhead water storage tanks of adequate capacities for domestic and flushing purpose shall be provided. Capacity of underground water storage tank shall be obtained from AEWW G/South Ward. Underground suction tank shall be located as close as possible to the existing water main in Municipal Road and the same shall not be in 1.5 M vicinity of drainage / Sewer line / Manhole / Inspection Chamber. Top of the underground storage tank shall be maintained at about 60 cm above adjacent ground / floor level and minimum head clearance of 1.20 M shall be maintained for inspection and cleaning of tanks.
- 9) A clear minimum distance of 1.20 m shall be maintained between the bottom of overhead storage tank and terrace floor level.
- 10) Adequate precaution shall be taken while designing and execution of the structural members continuously in contact, with chlorinated Municipal water in the suction tank, located in the basement / stilt of the building. If suction tank is located within the building line, adequate care shall be taken to avoid contamination and adequate arrangements shall be made to drain out the overflow water.
- 11) Automatic level control sensors & Ball Cock arrangement shall be provided in overhead & underground water storage tanks to avoid overflow from tanks.
- 12) Water conservation devices such as dual flushing cisterns (ISI marked) / dual flush valves for W.C.'s and sensor operated taps for wash basins & urinals, shall Only dual flushing cisterns (with ISI mark) or manual controlled cocks / dual flush valves shall be used for W.C.'s of building.
- 13) The requirement / capacities of underground and overhead water storage tanks shall be obtained approved & got certified from AEWW 'G/South' Ward.
- 14) The internal distribution system within building shall be got approved and certified by competent authority before availing the permanent water connection.
- 15) NOC from Hydraulic Engineer's Department shall be obtained for layout and individual building within layout by submitting the plans approved by competent authority.

Above remarks are issued for plans duly attested by Architect and submitted in this office on 19.05.2016. While amendment in building plans, if demand of the building exceeds above 10%, above remarks will be treated as cancelled and fresh remarks shall have to be obtained by submitting set of amended plans with Consultant / Architect's statement.

sd/-  
Executive Engineer Water Works  
(Planning & Research)

**Copy to :**

Chief Architect & Planner,  
MHADA,  
Griha Nirman Bhavan,  
Kalanagar, Bandra(E),  
Mumbai 400 051.

For information & further necessary action please.

NRM  
2-6/17  
EEWW(P&R)