

MUNICIPAL CORPORATION OF GREATER MUMBAI

NO:CHE/DPI/25440/Ge9'

Dtd: 28.12.16

Sub: Revised Crown policy to allow elevation features to the Existing/ new proposed residential/ commercial buildings  
Ref: Orders of Hon.M.C. during the meeting with MCHI-CREDAI on 09.11.2016

Reference is requested to the report regarding revised crown policy with respect to additional clause to allow the terraces slab of wings of the building to be connected at terrace slab level as at page N/9 to N/11 submitted to Hon.M.C. The policy was then discussed during the meeting with MCHI-CREDAI on 09.11.2016 in the Chamber of Hon.M.C., when the representatives of MCHI-CREDAI requested to include the following additional elevation features in the policy:-

- a) The height of parapet wall to be increased from 1.15 mt. to 1.50 mt. for the safety of the occupants using the terrace.
- b) To allow the elevation features in the form of MS/RCC railing over the overhead water tank upto the height of 1.50 mt. for safety purpose.

The representatives of MCHI-CREDAI has also requested-

- c) To allow the connection of refuge area by sky walks/ bridges of wing of the buildings.
- d) To allow chajja, cornices for parking floors/ stilt.
- e) To delete the condition no. 13 (a) of the Draft Policy Circular at pg. C/168 i.e. "elevation treatment of sr. no. 1 & 2 may be permitted only on the building in prominent location having width of access road more than 12.20 mt." so that the elevation features will be permitted to all buildings accessible from any width of road.
- f) To allow to process the regularisation proposals of elevation features.

The matter was then discussed in detail with Hon.M.C. on 09.12.2016 at 11.00 a.m. when it is decided as follows:-

- (i). The height of parapet wall without any voids shall be insisted 1.15 mt. from the finished floor level as per the provision of sub-regulation 38(26) and greater parapet height may be allowed with the voids upto the permissible height as mentioned in the earlier circular beyond 1.15 mt. of parapet of wall. However, if in any specific case, the Architect/ Developer proposes to allow parapet height more than 1.15 mt. from finished floor level and upto 1.50 mt. special permission of Municipal Commissioner will be obtained separately.
- (ii). To allow railing upto height of 1.15 mt. only on top of overhead water tank subject to NOC from high rise/ civil aviation, CFO wherever applicable may be allowed with special permission of Municipal Commissioner.
- (iii). The connection of refuge area shall not be permitted at any level except connection of the terrace of the wing as requested by MCHI.

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by CamScanner

- (iv). The chajja upto 0.60 mt. projection at a depth of 0.60 mt. from floor level or cornices upto 0.15 mt. at parking floor level/ stilt may be permitted, however dry cladding for dead wall shall not be permitted.
- (v). The elevation treatment at sr no. 1 & 2 of the earlier draft circular may be permitted on the building in prominent locations along the road of any width.
- (vi). The regularisation proposals of elevation features carried out only as per this policy will be considered on its merits by charging penalty as per policy, as such condition will be deleted.

The clause no.11 of the policy circular was included for platform for providing A.C. unit with 1.20 mt. width, however, the length of platform is not specified in the clause. It is now proposed to specify the length as per the requirements of the sizes and the capacity of outdoor unit exclusively to provide A.C. unit at suitable location for residential/ non residential building may be allowed with prior permission of Hon.M.C.

Reference is requested to the copy of email at page C/169 to C/171 received from Mr. Aryeh Glickman, Director HCT Sun regarding Draft policy as per MERC regulations, proposed MNRE guidelines & US Dept of Energy & State of California guidelines and Hon.M.C.'s endorsement thereon may please be seen. The said draft policy is attached at page C/173. The matter was also discussed with Mr. Glickman. The provision of Solar Water Heater System to be installed on the terrace of the building as per the norms/ specifications mentioned in sub-regulation 38(31) of DCR 1991. The maximum clearance between bottom of Solar System and unfinished terrace top shall be allowed to the extent of 1.80 mt. Accordingly, new clause no.14 is now inserted in Draft Policy circular at page C/188. The solar panel requirements may be for buildings which are under construction or already constructed. To encourage the use of Solar energy, the proposals for installation of solar panels as per provision of sub-regulation 38(31) of CDR 1991 will be allowed at Executive Engineers level to expedite the permissions, if agreed by Hon.M.C.

The corrigendum to earlier Draft policy circular is annexed at pg C/175 to C/183 & corrected Revised Draft Policy Circular is attached at page C/185 to C/188.

In view of above, Hon.M.C.'s approval requested to


- a) Sideline portion 'A' above.  
b) Revised Draft Policy circular attached at page C/185 to C/188.

On receipt of the circular same will be circulated to all concerned.

Submitted please.

(Ajoy Mehta)  
Hon.M.C.  
Sir,

Ajy Mehta  
2/1/18  
Municipal Commissioner  
CHES(DP)

  
V.P. Chithore  
Chief Engineer (DP)

**DRAFT CIRCULAR**

**Sub: To allow elevational features to propose buildings/  
under construction buildings of residential/  
commercial users.**

**Ref : 1) MCP/1106 dated 29.02.2016.**

**2) \_\_\_\_\_ dtd \_\_\_\_\_**

There are provisions in D.C. Regn. 30 for elevation treatments to be permitted in open space of the building. There is no such provision for elevation treatment on the terrace in the regulations. Requests from the Architects and Developers received for allowing such elevation treatments on terrace so as to increase the aesthetic view of the building. Considering the requests and in order to improve the aesthetic view of the building in the city of Mumbai, a Committee was formed to decide Crown Policy and by taking the opinion/ review of experts, it is decided to allow the elevation treatments at terrace level and for other parts of the building as per the following guidelines:

**1) To allow parapet wall at terrace level of greater height upto 4.50 mt. / 6.50 mt, or more :-**

The parapet wall of greater height upto 4.50 mt. for building upto 70.00 mt height, upto 6.50 mt. for building having height from 70.00 mt. upto 120.00 mt. and parapet wall for building height above 120.00 mt., parapet wall of required height may be allowed on all sides of the building periphery in any shape / any profile provided that-

(a) The parapet wall above 1.15 mt. (i.e. 3.35 m for building having height less than 70.00 m, 5.35 m for building having height from 70.00 mt. upto 120.00 mt. & height of parapet wall upto 7.50 mt. or upto top of LMR/ Water Tank Parapet Top whichever is higher with specific design requirement for a building having height beyond 120.00 mt. which may/ may not include need of providing seismic damper as per the structural requirement of the building approved by High Rise Committee) shall be provided with voids / opening so that the area of such voids / openings / profile should not be less than 60% of the surface area of parapet wall above 1.15 mt. Such openings shall be provided at 1.15 mt. level from terrace level & shall be of adequate size (width 1.5 mt. & height 1.5 mt.) from where person can be taken out or communicated through visual or oral easily.

(b) The regular parapet wall of 1.15 mt. height without any voids / opening shall be provided all over the periphery of building line at terrace level as per provisions of DCR.

If the Architect/ Developer has proposed to allow more height of parapet wall beyond regular 1.15 mt. and upto 1.50 mt., then same may be allowed with the special permission of commissioner under the provision of sub-regulation 64(b) of DCR 1991.

(c) The parapet wall may be provided with or without decorative material with or without cladding / bonds / cornices/ support structure. The material used for decorative purpose or for cladding shall be fire resistant as per NBC.

- (d) Greater height of parapet wall shall only be allowed on topmost common terrace of building / wing / wings and shall not be allowed on intermediate part terraces / pocket terraces / slopping terraces, podium/ Parking floors, refuge floors, etc.
- (e) For part terrace on topmost floor, the parapet wall up to the maximum height of Lift Machine Room/ Water Tank Parapet Top whichever is higher can be permitted along all sides with voids in surface area not less than 75%, subject to 1(b) and 1(c) above.
- (f) The elevation features in the form of MS/RCC railing upto the height of 1.15 mt. from the finished floor top of overhead water tank shall be allowed along the periphery of overhead water tank for protection/ safety.

2) **To allow elevational features / Dome like structures above water tank / lift machine room / staircase room and at 4 corners of topmost terrace.**

The elevational features / **Dome like structures** upto 4.00 mt. height for building upto 70.00 mt. height, 6.00 mt. for building having height more than 70.00 mt. to upto 120.00 mt. & beyond 120.00 mt. the height may be allowed upto 9 mt. in any geometrical shape above water tank / lift machine room / staircase room along the periphery or at the four corners of topmost terrace may be permitted subject to providing 60% opening / voids of the surface area of elevation treatment / profile.

3) **To allow pergola at terrace slab level upto 2.00 mt. beyond the building line:-**

The pergola at terrace slab level maybe allowed subject to-

- a) The pergola projection beyond building line shall not be more than 2.00 mt.
- b) The pergola projection shall not affect side marginal open space of 3.00 mt. and front marginal open space of 1.5 mt.
- c) Such pergolas shall be allowed only on top most common terrace of building / wing / wings.
- d) The pergolas shall not be allowed on part terraces / pocket terraces / slopping terraces.

4) **To allow peripheral fins at podium level to camouflage stack parking at podium level:-**

The peripheral fins may be allowed at podium level above parapet subject to-

- a) Min. 75% see-through opening area of proposed peripheral area shall be provided
- b) The fins shall be provided with material such as Alco bond / fibre / aluminium sheets / FRP plastic / wooden panels.
- c) The fins with RCC, brick work, hallow blocks or any such construction material shall not be permitted.

5) **To allow drop chajja:-**

The drop (down) chajja of 0.10 to 0.15 m thick may be allowed with 0.30 m drop (down) on either sides opening provided that,

- a) The width of chajja should be as per provisions of DCR and
- b) The chajja shall be at the level of min. 0.60 m below the floor level as shown in sketch No.1.

6) **To allow slant chhajjas:-**

The slant chhajjas as shown in sketch no.2 may be allowed.

7) **To allow drop chhajja of 1.20 m with cut out in between:-**

The same may be allowed as shown in sketch no.3

8) **To allow cornices:-**

The cornices upto 0.10 / 0.15 mt. max. projection along the periphery of window opening, top / bottom and vertical at external wall, at the floor level / midlanding level / terrace level / parapet top level, dead wall / staircase bay opening / may be allowed along with cornices to chajjas as shown on sketch no.4.

9) **To allow chajjas/ cornices for parking floors/ stilt:-**

The Chajja upto 0.60 mt. projection with level difference of 0.6 mt. or cornices upto 0.15 mt. proposed at parking floor level shall be permitted.

10) **To allow elevational bands:-**

The elevational bands of max. 0.75 mt. width in the form of decorative / materials of max. 20 mm thick including all fixtures / cement sand plaster of 20 mm thick may be allowed.

11) **Crown on the building :-**

The crown on the building with height of 70.00 mt. or more will be allowed with the height of  $1/8^{\text{th}}$  of the total height of the building above terrace. The crown profile selected will be allowed covering the entire terrace with 60% opening of all sides with the support system as per the design requirement and as approved by the Hon.M.C.

12) **Platform for providing A.C. Unit :-**

The M.S. chequered plate platform with 1.20 mt. width exclusively to provide A.C. units at suitable location for residential/ non residential building may be allowed with prior permission of Hon.M.C.

13) **Connection of terraces of the wings of the Building :-**

The terraces of the wings of the building will be allowed to be connected at terrace slab level for a building if allowed by Hon.M.C. subject to following conditions :-

- (i) The area of such passage/ extended terrace shall not be counted in FSI being extension to the terrace which is permissible free of FSI as per DCR.
- (ii) Necessary safety measures for taking care of light & ventilation, structural safety, fire safety & neighbourhood safety shall be taken during and after construction of such passages. Architect to submit complete details about steps taken for safety measures, details about ensuring adequate L/V in writing while putting up such proposal.
- (iii) Greater height of parapet wall shall not be allowed for such passages/ extended terraces.
- (iv) Maximum 1.50 mt. height of parapet wall in these portions shall be insisted as a safety measures of the occupants.
- (v) Necessary CFO NOC shall be insisted before approval of plans.
- (vi) This area shall be kept vacant & maintained open to sky & not be allowed for any other purpose.

14) **To allow roof top solar system:-**

The solar panel system will be permitted on roof top of the building as specified in the sub-regulation 38(31) on request of Architect/ Developer subject to following conditions:-


- (i) The provisions/ conditions/ specifications mentioned in the D.C. regulations 38(31) of DCR 1991 shall be adhered to.
- (ii) The head room below solar devices (height between finished surface of terrace and bottom of solar panel system) shall not exceed 1.80 mt. and shall not exceed the building height at the highest point.
- (iii) The approval for exclusive roof top solar system will be granted by concerned EE(BP) for all types of building for which O.C.C. is given or which are under construction.

15) The above elevation features *except the features mentioned in sub-clause(14)(iii)* may be permitted by the Municipal Commissioner subject to following :-

- (a) The elevation treatment shall not be counted in FSI. However, for the purposes of civil aviation, Heritage, Archaeology, High Rise building etc. the height of building up to the topmost point of elevation treatment shall be taken into consideration.
- (b) Regd. undertaking for not misusing the said elevation features shall be submitted by the Developer / owner.
- (c) The individual proposal shall be scrutinised by concern building proposal dept. and submitted for special sanction of Municipal Commissioner.
- (d) No pergola or horizontal roof type enclosure shall be allowed on terrace.
- (e) The detailed drawings showing plans, sections shall be submitted for approval.
- (f) The specific NOC from CFO shall be obtained for such proposed elevation features before processing the proposal for approval.
- (g) Where, H.R.C. NOC is obtained earlier for full height, the structural stability from VJTI, IIT or SPCE for sr.no.1, 2 ,11 & 13 shall be obtained.

Note : (A) This circular supersede earlier circular under no.ChE/ DP/ 030090 dtd. 30.09.2015 & circular u/no. ChE/ DP/ 049020 / Gen dtd.01.03.2016.

(B) 4 Numbers of sketches enclosed in the earlier circular dtd.01.03.2016 shall be refer for guidance.

  
(V.P. Chithore)  
Ch.E.(DP)

  
(Ajoy Mehta)  
Municipal Commissioner