

The Structural designs forwarded to this office vide reference cited are incomplete. Hence, the following design details / documents may be furnished for taking further necessary action in the matter.

- 1) Complete set of architectural drawings. Width of expansion joints shall be shown in the architectural drawings.
- 2) Soil investigation report.
- 3) Brief design report. Structure divided into various parts shall be in a comprehensive drawing.
- 4) Are there any extended basements? If so, the drive ways shall be designed for a live load of 20.0kN / Sqm and checked for actual wheel load of fire tender.
- 5) Detailed calculations for separation joint duly considering the drift of the structure as per IS 1893(part-2).
- 6) Member end forces, grouping of columns showing load case, load, moments and detailed design of critical column in each group for each block.
- 7) Reactions, grouping of footings showing load case, load, moments and detailed design of critical footing in each group for each block.
- 8) It is observed that some footings are very close to one another. All such footings shall be designed as combined footings.
- 9) Detailed design shear walls for each block
- 10) Details design of slabs and stair cases and check for deflection for each block.
- 11) Detailed design of raft foundation for each block.

Sd/-  
Chief Engineer,  
HMDA

To  
The Director Planning - I,