Intimate Red Structure Of Hall B.

Hall B is a column and beam structure, with a dished auditorium shape. Columns and beams are SRC, approximately 1.5 meters in dimension. The structure is a moment resisting frame. The only critical structural issue is vertical continuity through underlying floors, to the foundation. This has been provided.

Interior columns, beams and walls, are finished in dark red shikkui.

DISASTER PREVENTION

The basic principle of disaster prevention, is that there are exterior gardens and terraces at all levels, and that these all lead directly to the ground. As a result, evacuation of buildings goes directly to exterior terraces at many levels. Supplementary direct access stairs provide exits to lower levels when needed.

TECHNICAL NOTES: Evacuation of Hall A has three methods: One route is to the lobby at the 21.5-meter level and out to the garden. Second route is to the side lobbies, 21.5-meter level and out directly to the exterior terraces on the east and west sides. Third route is through fire stairs in the giant columns to the lower level terraces. These fire stairs lead down to the hillside terraces at the south end of the site, and then down to the ground on exterior stairs. Total width of exit routes is 69 meters. Evacuation of Hall B has two methods: One route is to exterior stairs on the east side of the building, leading down to the garden terrace at the 8-meter level; the other route leads through an enclosed fireproof corridor past the stage out to the south east terrace at the 17-meter level. Total exit width is 21 meters. Evacuation of Hall C is directly out to the western garden terrace at the 8-meter level. Combined width of exits is 36 meters. Evacuation of Hall D is through fire stairs directly to the exterior. Width of exits is 7 meters. Evacuation of the large conference hall is through fire stairs at east and west ends of the conference hall. Total combined width of exit routes is 12 meters. Evacuation of two secondary large conference rooms is directly to west garden at the 8-meter level and to stairs which lead directly to the street. Combined width of exits is 12 meters. Evacuation of the reception area and banquet hall is directly to the large garden at the 21.5-meter level. Width of exit route is 10 meters. Evacuation of Exhibit A is through fire stairs going directly to the street along the east side of building (not shown). There are supplementary exit routes to the east garden terrace at the 8-meter level. Combined width of exit routes is 12 meters. Evacuation of Exhibit B is directly through the 0-meter level to the street. Combined width of exits is 27 meters. Evacuation of Multi-purpose gallery has two methods. Method 1 is through passages to east and west exterior terraces. Method 2 is through fire stairs to street level (not shown). Combined width of exit routes is approximately 10 meters. Evacuation of the grand lobby is through main stairs at north end. Secondary exits are possible through fire stairs to first floor level (not shown). Combined width of exit routes is 20 meters, and can be increased.