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3-12-01 Project: Post EQ Inspection
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Attach is the summary that
 would be contained in our
 report

Please call me if you have
 any questions

Ade

Summary

On March 2 and 3, 2001, Bright Engineering conducted a post-earthquake visual inspection of the Public Safety Building and Municipal Building. The purpose of the inspection was to identify and assess any structural damage sustained during the earthquake event of February 28, 2001, and to evaluate the structural integrity and strength of the aforementioned buildings.

The Public Safety Building is a 15 story concrete frame/shear wall building with rigid concrete floors; a two-story penthouse is located at roof level; and below grade parking garage. No deficiencies of the lateral and gravity load resisting systems were observed.

No signs of damage were observed on the roof parapet.

Concrete columns, beams, and floors slab have no visible cracks or any other signs of distress. There were cracks in the shear walls in each of the stairwells. All of the cracks are hairline cracks and most of them are along the pour joints (cold joints) and reentrant corners. These cracks do not compromise the structural integrity of the building.

A number of cracks and spalls were observed on the tile partition walls and bathroom tiles. Also a number of ceiling tiles and suspended ceiling were cracked, some ceiling tiles simply fell off. Cracks and damages in partition walls, tiles and the ceiling system are purely cosmetic and do not affect the structural integrity or strength of the structure in any way.

In the Washington Memorial Plaza along 4th Avenue, a number of concrete planks (treads) are loose on the south stair. There were several loose tile caps in the planter boxes.

We did not observe any signs of settlement around the base of the building. However along 3rd Avenue joint caulking between the building and the Bus Tunnel entrance structure is separated.

No damage was observed in the garage structural framing system.

In the basement, there was no damage observed on the concrete ventilation shafts and tunnels. There were some cracks in the concrete wall of the Machine room but these cracks do not compromise the integrity of the structure.

The **Municipal Building** is a twelve story concrete frame building with rigid concrete floors with a penthouse at the roof level; and below grade parking garage. Again, no deficiencies of the main load carrying system could be observed.

No signs of damage were observed on the roof parapet.

Concrete columns, beams, and floors slab have no visible cracks or any other signs of distress.

There were cracks in the sheetrock in each of the stairwells, bathrooms tiles, interior partitions and ceiling tiles. Some of the cracks are along the joints, reentrant corners and where these elements are rigidly attached to the concrete columns. These cracks are cosmetic, non-structural damages and do not affect the structural integrity of the building.

We did not observe any signs of settlement around the base of the building.

No damage was observed in the garage structural framing system.

No structural damage was observed in the basement.

It is our opinion that the Public Safety Building and the Municipal Building are safe and are in a structurally satisfactory condition.