

REHABILITATION AND SEISMIC RETROFIT OF RESIDENCIAS GALILEO



Fig. 1: Building before retrofitting
Concrete frames in transverse direction and absence of beams in longitudinal direction



Fig 2: Building appearance after refurbishment

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Fig.3: Foundation reinforcement for section enlarged columns



Fig 4: Partial concrete removal for placing new beams using low energy chipping hammers

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Fig 5: Drilling columns for placing the new reinforcing steel of beams



Fig 6: Surface preparation of section enlarged columns

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Fig 7: Shear reinforcement using CFRP in columns not to be section enlarged



Fig 8: Civil engineer students in a guided visit to the job site

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Figure 9: Detail of new steel reinforcement in section enlarged columns and beams



Fig 10: Retrofitting in progress