| **Event:**  **Latitude**:  **Longitude**:  **Address**:  **Type of structural collapse**:  **Building footprint area:**  **Max. collapse distance:**  **Max. Debris distance:**  **Building Material:**  **Structural system:**  **# of stories:**  **Approximate total height:**  **Apparent irregularities:**  **Approximate construction date:** | 1999 Chi Chi Earthquake  23.77  120.9  15 different buildings  Story mechanism; story mechanism + monolithic  ? m2  40 m?  ? m  Reinforced concrete  RC moment frame with infill masonry walls. Ductile steel detailing requirements were not always followed.  12-15  50 m  Soft first story  Majority 1982 Taiwan Building Code (similar to 1982 UBC) |
| --- | --- |

| **BEFORE** | |  | |  |
| --- | --- | --- | --- | --- |
| **AFTER**    From Moh et al    From Dong et al | From Tsai et al | | From 2001 Spectra Special Edition Part 7 | |