The Ansei Edo earthquake (M6.9) occurred in the midnight of November 11th, 1855 near Edo (Tokyo at present). The total number of casualties is estimated more than ten thousands in the Edo city region. A samurai called Joto-Sanjin, who lived near Nihonbashi square, central Edo kept a record of a list of numbers of casualties of the earthquake called "Haso-no-ki". He recorded numbers of casualties for 473 squares in the city region of Edo. In this list the residential areas of samurais and priests are not contained, but all listed squares are those of townsperson, for examples merchants, carpenters, and craftsperson. The total numbers of casualties was 4,626 people. In those days detailed city maps of Edo were published by the publishing house called Owariya Seishichi. By using this map we can identify the location of each square listed on the record onto the city map of the present day. We successfully identified the location of 402 squares, about 85 per cent of all squares listed in the record. It is clarified that casualties were densely distributed in the eastern section of the residential area, where the ground was newly reclaimed in the middle ages.