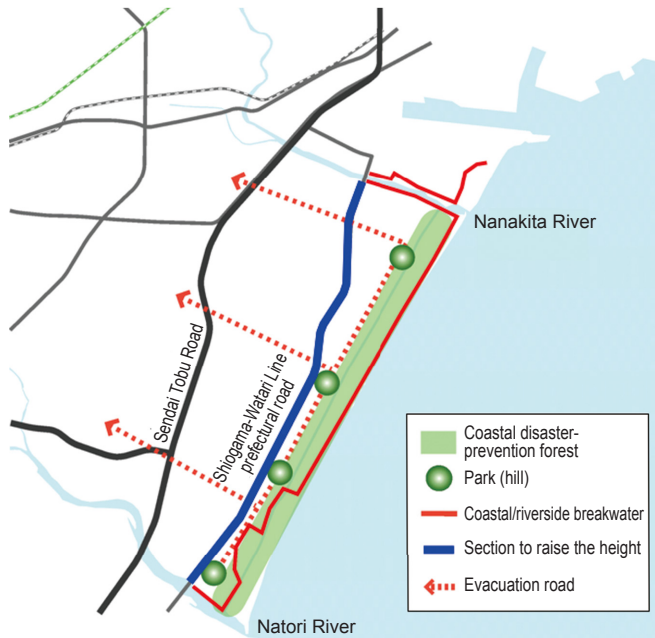
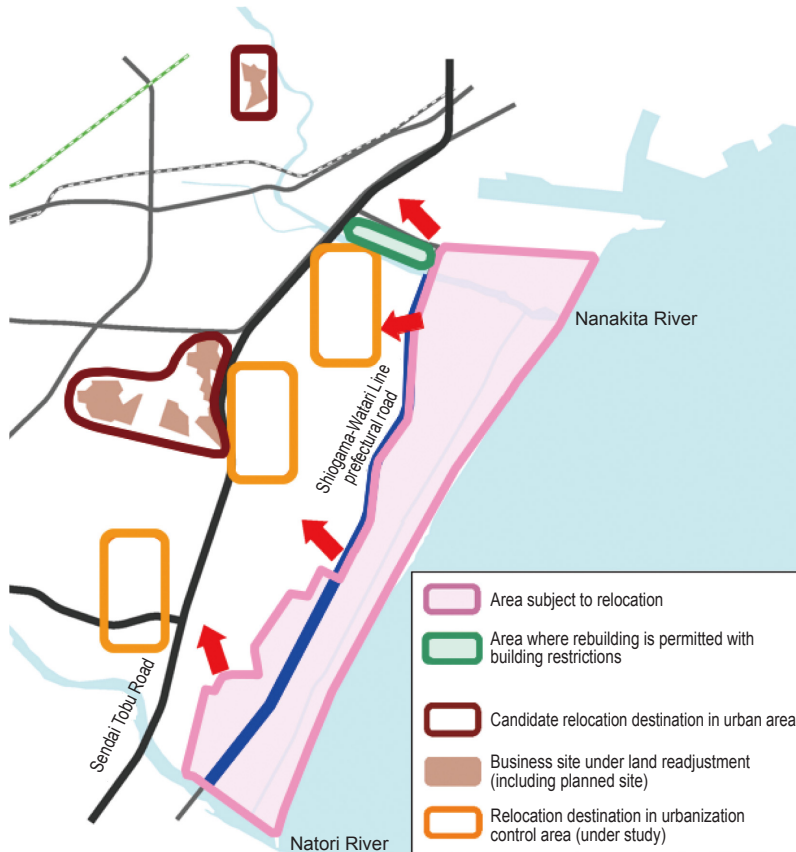


Conceptual image of disaster-prevention facilities against tsunami (plan view)



Concept of securing safe housing



● Relationship between depth of inundation and danger

- According to academic research on the relationship between the depth of inundation and danger, the percentage of houses that may be washed away increases when the depth of inundation exceeds two meters. A survey conducted by Sendai City on the recent earthquake disaster revealed similar results.
- In light of these findings, areas where the expected depth of inundation exceeds two meters are considered areas at high risk of tsunami damage.

● Housing security and building restrictions

Area subject to relocation:

- As the expected depth of inundation exceeds two meters, the area is at high risk. Construction of new houses and extension of existing houses will be prohibited, and relocation to the safer western part of Sendai will be encouraged for housing safety.
- Candidate destination areas are business sites under land readjustment in the western Tago and eastern Arai areas, planned business sites under land readjustment in the Arai area, and developed land in the vicinity of the Tobu Road where safety has been improved by embankments.

Area where rebuilding is permitted with building restrictions:

- Although the expected depth of inundation in part of this area exceeds two meters, wash-away and other damage is likely to be small in view of the geography and the use of neighboring land. Improvement of the disaster-prevention capabilities of existing buildings will be encouraged, provided that certain restrictions are imposed when constructing new houses and extending existing houses.