



FRIENDLY
AND INCLUSIVE
SPACES AWARDS

Category:
1. New Building

Name of Project:
AMANENOMORI NURSERY SCHOOL

Name of Architect(s):
Kensuke Aisaka

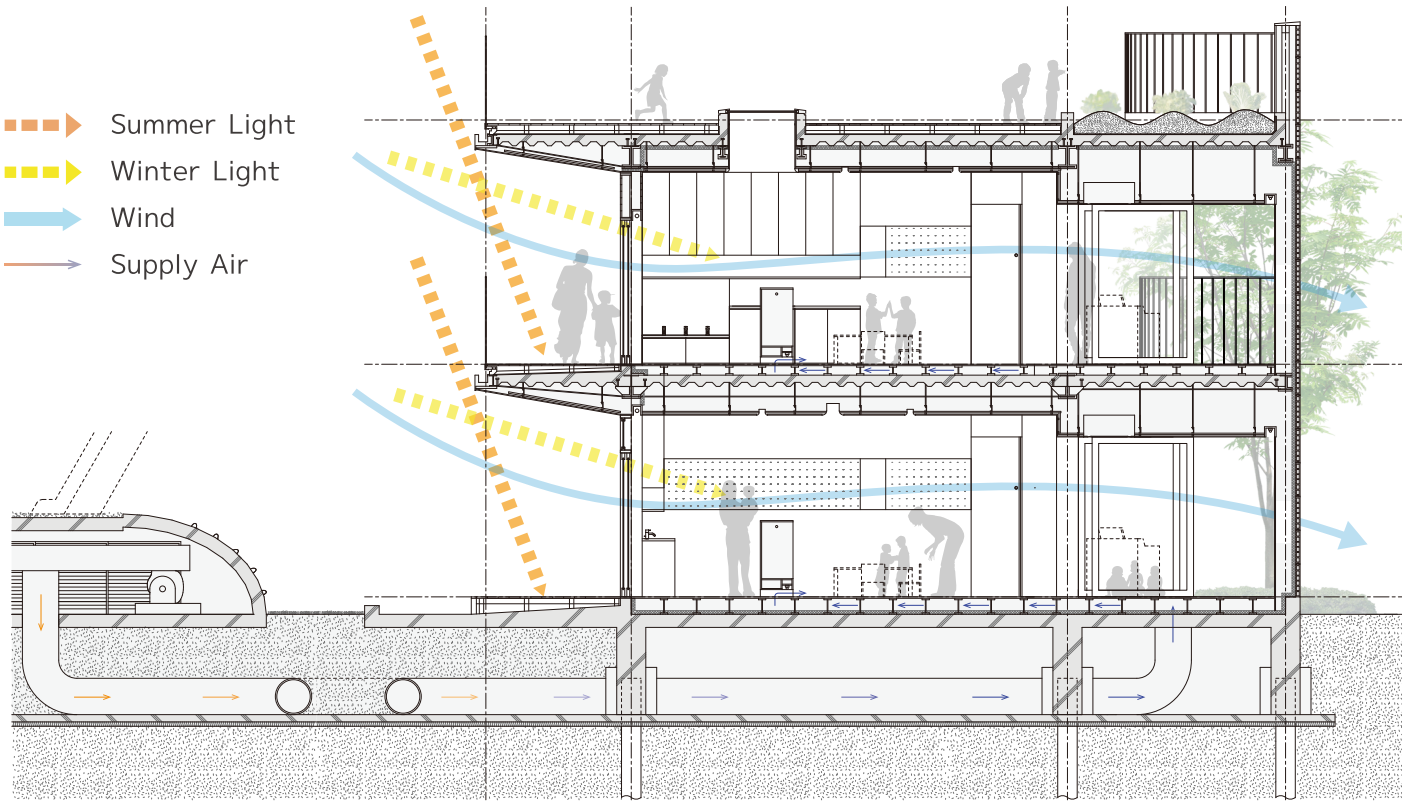
Name of Client:
Social welfare corporation
NANSEIKAI

Project Description:

A nursery school of two-story building with rooftop terrace features 3-dimensional and circuit style structure located in Funabashi city.

Date Completed: 01 / 08 / 2015

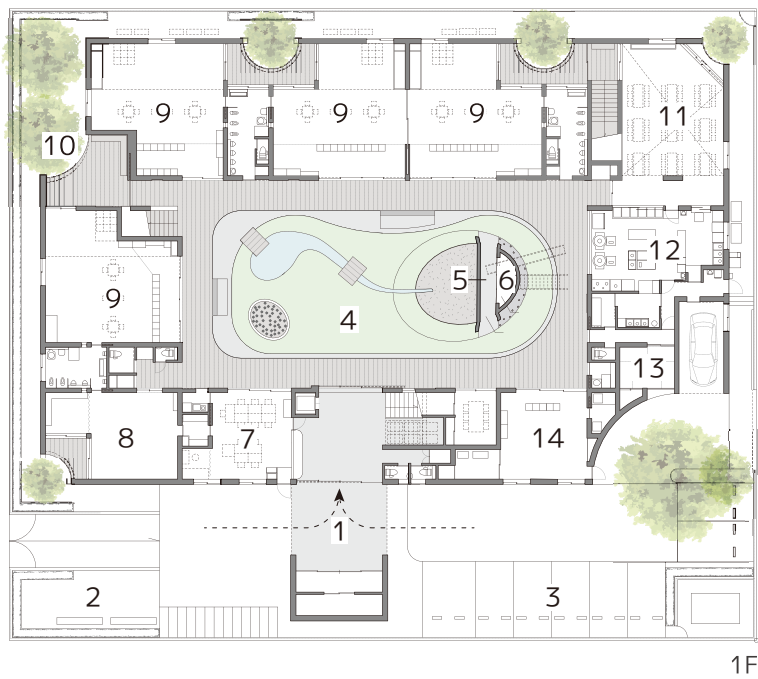
Images:



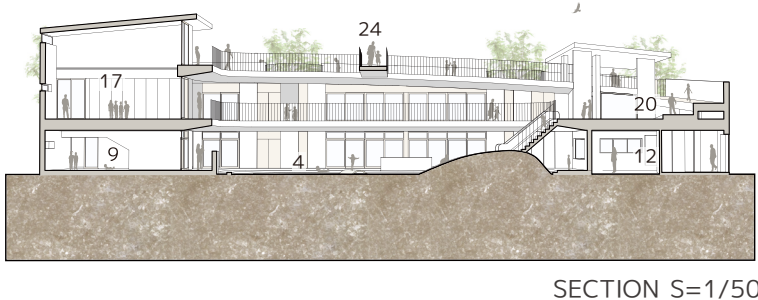
AMANENOMORI NURSERY SCHOOL –Circular ring shaped structure around the soil, water and green–

A nursery school of two-story building with rooftop terrace features 3-dimensional and circuit style structure located in Funabashi city. The concept of its design is to provide enough space for 160 children to play around in the nature and also for all their parents and nursery staff to feel safe.

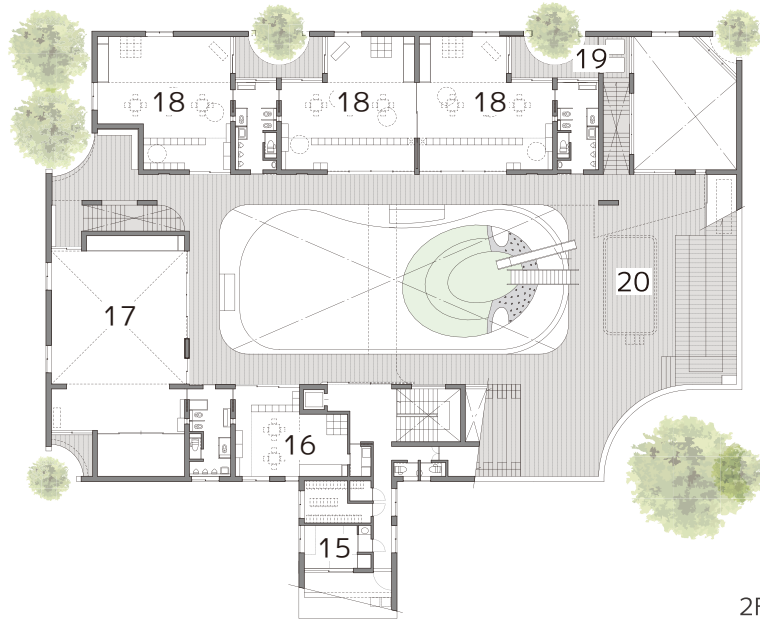
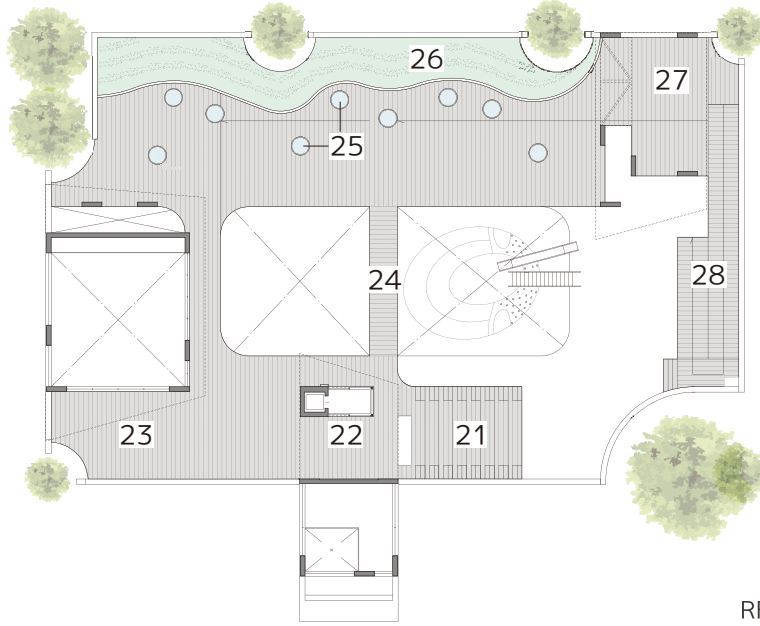
Architectural Plan
The south quarter of the site is used for entrance walkway, and the rest of the part is for nursery space. Placing rooms for office staff, nursery staff and cooks on the border between entrance and nursery space achieves both simplicity and security. We designed the circular ring shaped structure that provides enjoyable playground for children and easy access to escape route in case of emergency, having the courtyard in the middle, planting trees along the outer edge, and installing the deck, slopes, stairs, and the bridge along the circle between them. Covered with the solid trapezoid-shape wall and roof outside, its overall structure achieves to protect children's pleasure with its strength. Its O-shaped building surrounding the courtyard with outside corridor with eaves for weather protection also provides comfort and a sense of safety to adults. This structure helps busy parents to drop and pick up their children quickly without taking off shoes and nursery staff to help each other on the other side. Outer space of each floor provides not just open space outside, but also various changes, such as sunny spot and shade, higher eaves and narrower space under eaves, slopes, hills and cavities produced by changing the direction and the height of floors and roofs, so that children to spend the whole year here do not get bored.



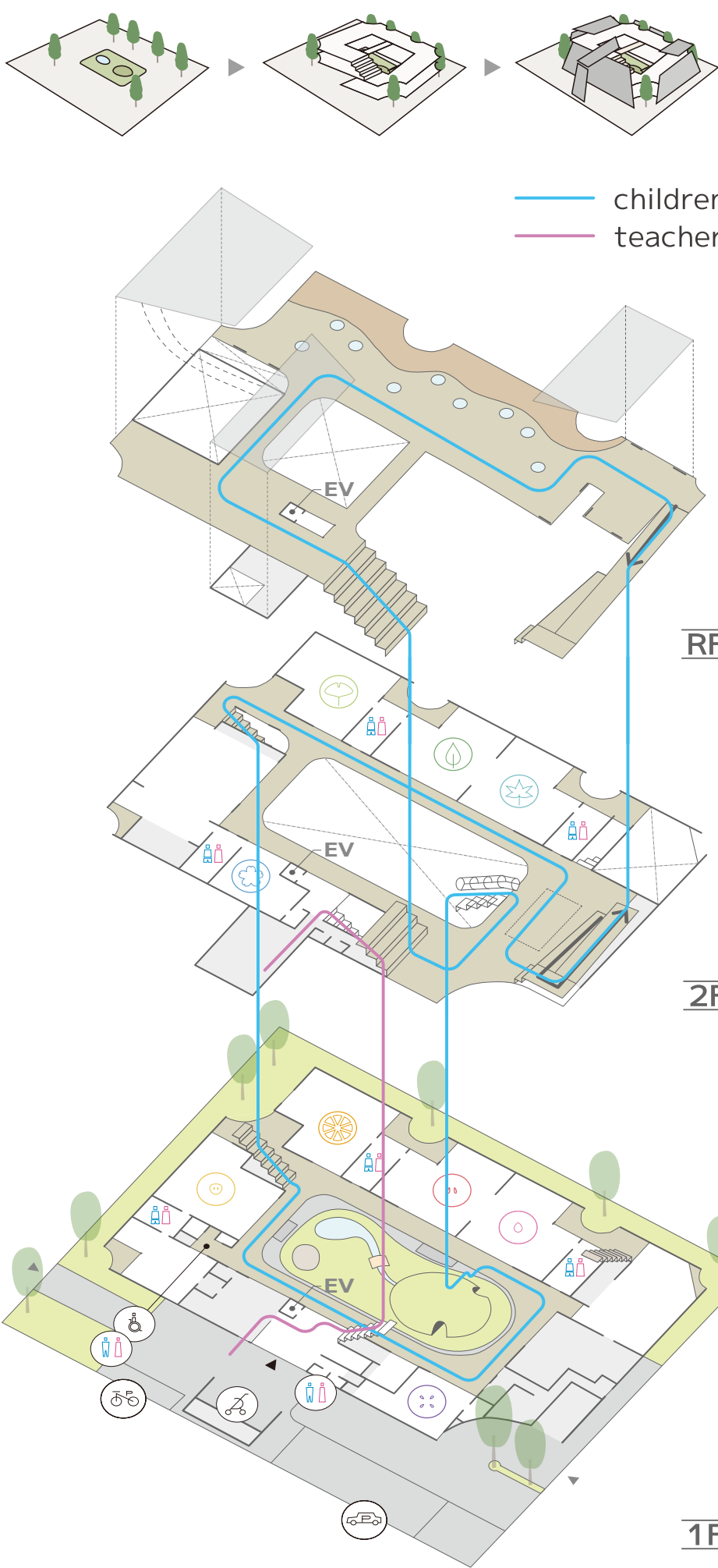
- 1. entrance poach
- 2. pocket park
- 3. parking
- 4. courtyard
- 5. tunnel
- 6. machine room
- 7. office
- 8. multi purpose room
- 9. baby nursery room
- 10. back garden
- 11. lunch room
- 12. kitchen
- 13. cooks rest room
- 14. 0 year old nursery room
- 15. staff room
- 16. temporary nursery room
- 17. playroom
- 18. nursery room
- 19. rain receiving tank
- 20. sunny terrace
- 21. tiered theater
- 22. solar panel on the roof
- 23. athletic square
- 24. bridge
- 25. sky light
- 26. vegetable garden
- 27. under the Eaves
- 28. slope



SECTION S=1/500



PLAN S=1/500



Natural powers are utilized for the school building

For thorough energy saving, we adopt the eaves to control sunlight, the spot garden to improve ventilation, the rooftop deck and vegetable garden for heat insulating of rooftop, Earth Tube cooling/heating system to use geothermal heat, the river and the pond to reuse the rainwater, and solar panels to produce circulating power. Watching these structures in daily life, children can learn about "the nature" including phenomenon about plants or the wind and rain.



Finishing work of Interior and Exterior

In order to give children the opportunity to learn the name of materials with feeling its original texture in the same time, we try to use "wood as wood-like, steel as steel-like and stone as stone-like" to keep the original texture of each material. From this perspective, we didn't use the primary colors. Instead, we exploit the 3-dimensional and so-called "primary color-like" structure to provide contrasting experience using the various spatial features and environment.



Detailed Design

Round chamfering was done for walls and railings necessary for safety reasons and also for the edge of light and skylight in every part of the building using it as a motif of design. The half-circle-shaped spot garden brings children the affection to the nature by catching their attention to the green planted in the center.



Interest toward Food

From the perspective of dietary education to develop children's appreciation and interest toward food, we place the vegetable garden on the rooftop and glass-walled kitchen on the first floor. The floor level of kitchen is settled lower to let children look into it, in the same time, it is able to keep an eye on the courtyard in a cross shape to compensate for blind spot from the office.