

Detailed design for E -39 and C-50 districts in the Katsuragi area



Avenue in residential area



Avenue (District park on the left)



Residential area
(From side walk & pedestrian)

Ordering party : Urban Renaissance Agency / Ibaraki local office

Location : Tsukuba City, Ibaraki Prefecture

Designed area : E-39 district: 3.57 ha, C-50 district: 3.00 ha

Design services :

[E-39 district]

- 2nd site grading design
- Road design:
Access road : W=6m, L=880m
Green way : W=2.5m, 4m, L=0.20km
- Sewage design :
Drainage : Dia.250 to 700, L=880km
Sanitary sewage : Dia.150, L=0.88km
- Examination on laying power lines underground
- District conclusion survey
- Lot conclusion survey

[C-50 district]

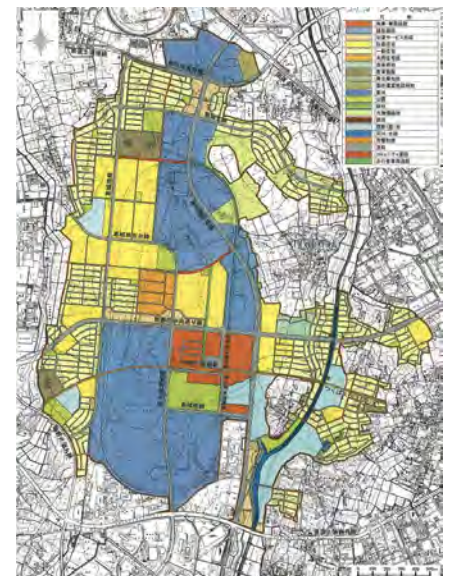
- 1st site grading design

Time of design : From Oct. 2004 to May 2005

In this project ordered by the Urban Renaissance Agency, we performed the detailed designs for the 2nd site grading for the E-39 district and the 1st site grading for a part of the C-50 district in the Specific Land Readjustment Project (planned area: 340ha, planned population: about 25,000).

For the E-39 district, the detailed design for 2nd site grading, road and sewage was performed to subdivide the land prepared primarily as large urban block area into symbolic independent residential zone in the Katsuragi area with the opening of the Tsukuba Express railway (Sep.2005), and to sell them to house makers in advance. This district was designed with due consideration on landscaped facilities - pavement, road lights, green space, and so on.

When designing the sewages, we took into account the place to be used for various embedded pipe because the power lines are to be laid underground from the perspective of the landscape conservation. For the C50-district, the detailed design was performed for the 1st site grading for land of the inducement facilities owned by the Ibaraki Prefecture.



Land-use map for the Katsuragi area



Landscape plan for E-39 district in the Katsuragi area (S-1/2500)