International Competition for Stage 3 District 1 of Government Office in Sejong-city, Korea

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Site analysis

Location: Sejong City, Korea
Function: Public office facility
Site area: 36,092m² (1,864,438 ft²)
Site for sport area: 9,063m² (97,060 ft²)
Total floor area: 58,050m² (627,010 ft²)
Landscape area: 16,000m² (173,000 ft²)

Structures: 0.97% Structure - Steel framed reinforced concrete / Finish: Aluminum composite panel / Low-E triple glazing
The 3-1 Zone of Government Building in Sejong City is a symbolic gate of the central administration town. The Urban Gate, where nature and citizen are together, and the Urban Plaza, which anybody can freely use, are planned for here. It is designed as a comfortable and cozy resting place shaped after nature. It will be used for various events including festivals and various culture and art activities.

In terms of urban scale, the linear shape of existing master plan had been maintained. A green network, which will be the communicative community space, is created by linking the Jeongnam Plain and the green axis in the suburb of Sejong City. In terms of block scale, a grand arch, which expresses the open communication between government and people, and an open square, linked to the grand arch in organic way, are provided. They express the symbolism of Office of Legislation and the Committee of People’s Right and Benefit, who put people’s happiness on higher priority. In terms of architectural scale, the building was designed as an environment-friendly building, which is gentle to nature, environment and people, and saves energy by way of passive architectural shape.

Regarding the facade, the smooth characteristic of Korean Line is expressed by way of the flow of traditional Korean silk. The facade pattern flow is more than simple formative design. It secures optimum energy economy by way of the Smart Green Facade. The sizes and angles of window are applied differently dependent on the sunlight simulation in the Smart Green Facade.