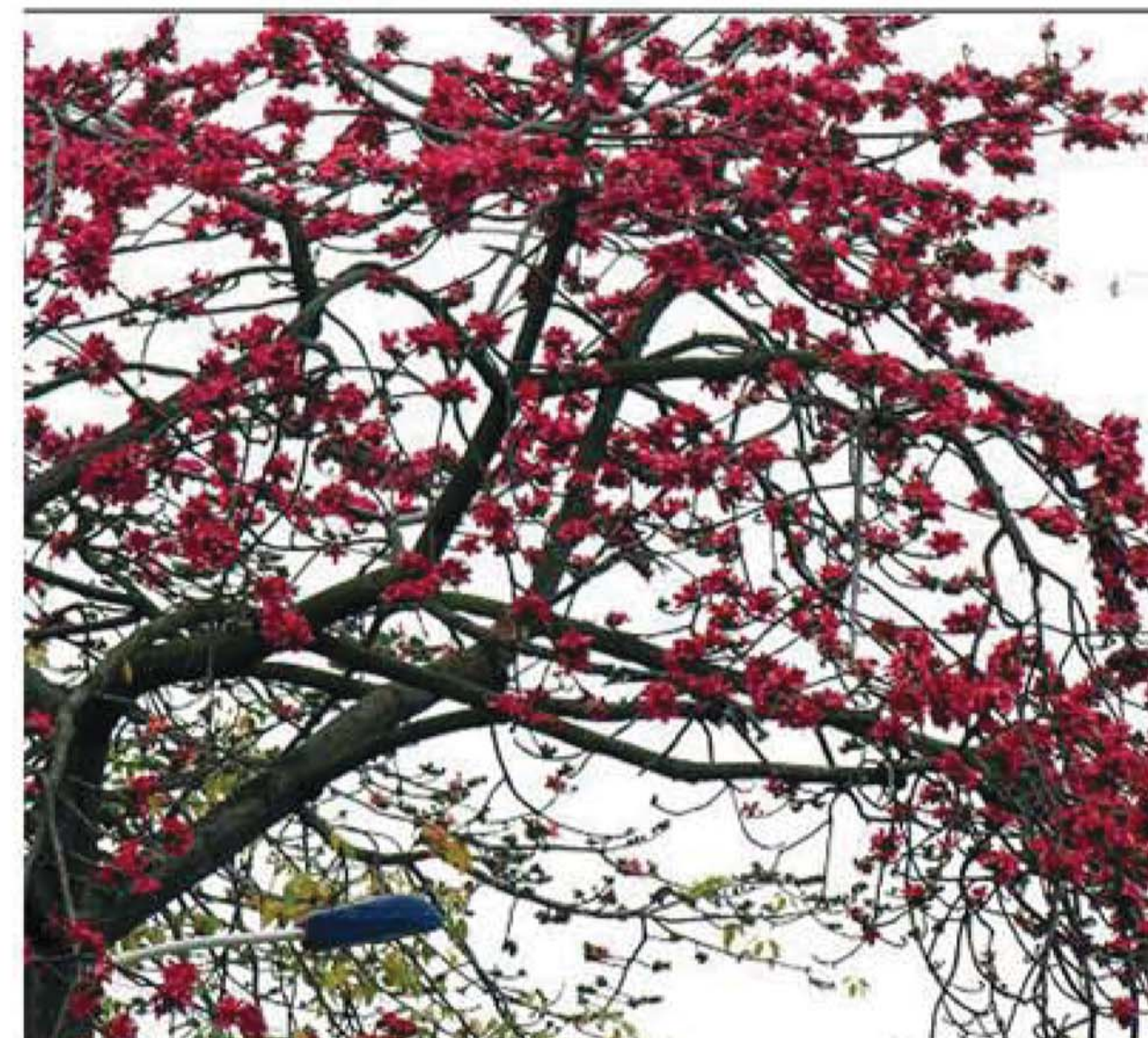


**Design Introduction**

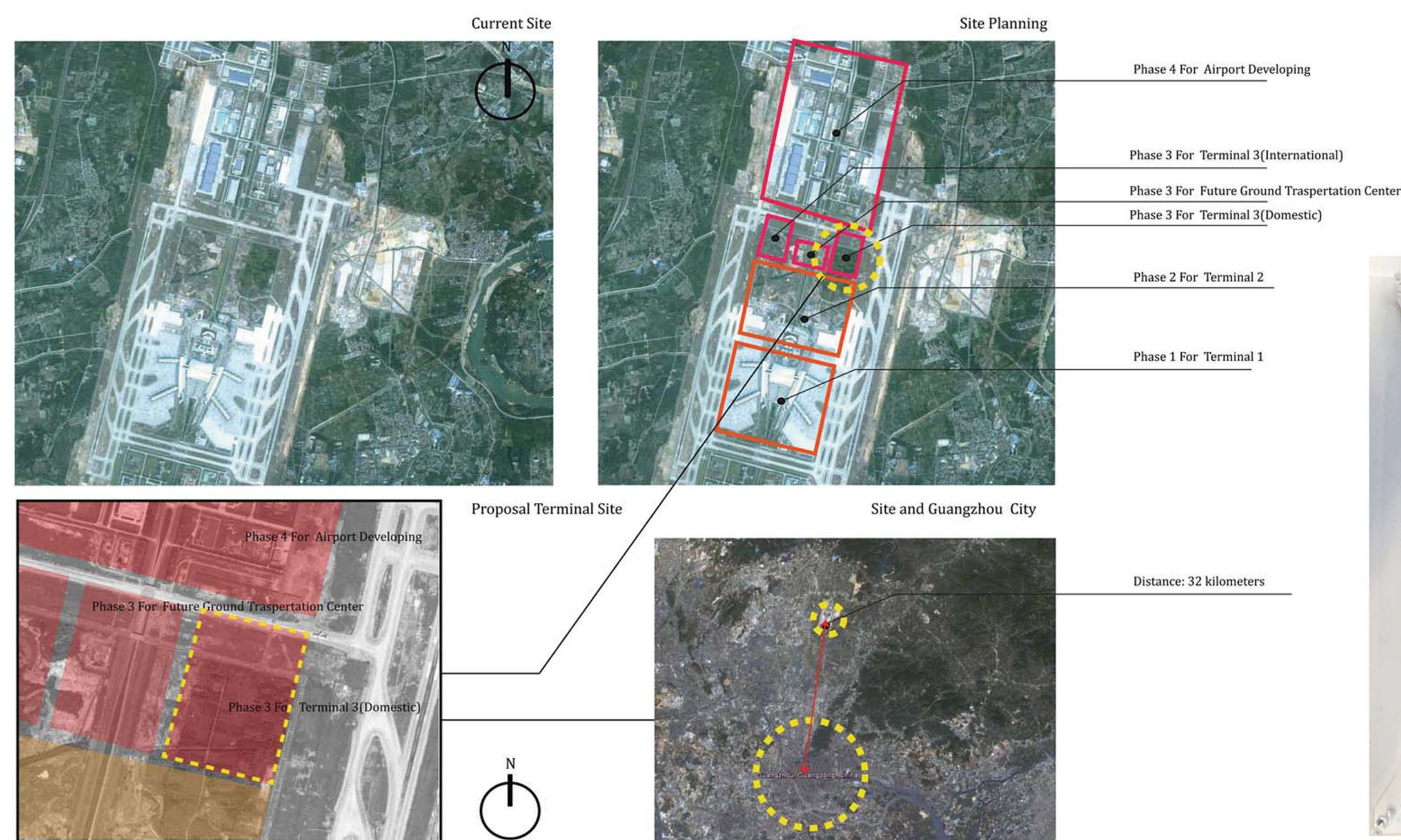
The proposal T3 terminal of Baiyun Airport in Guangzhou will act the key supporting role for the future development of the transportation system in Guangzhou. As another hub compared to the T1 and T2( un-built ), the terminal will add the domestic captivity for the while airport and local airlines companies.

The key considerations of the project will focus the relationship to the local context, which included the materials , the plant and the warm weather. The steel , as the local construction material in these 30 years with the preferred in series of the constructions, will be main structure for the whole terminal. The first reason is the steel structure will provide the “ light” formation for the long span construction. Another advantage is the steel structure is easy to be built in the construction process.

The local plant of kapok tree and flower will be key concept icon for the proposal terminal. As the main plant in Guangzhou, the kapok tree and flower not only presents the enterprise image for the Southern China Airlines, but also the cultural contents for the Guangzhou, which included the spirit of the positive , brave and hardworking. And the natural context of the tree and flowers will provides the main structural formations in the supports posts and the roofs for the project’s structural systems , as well as the whole master plan . The structure of the branches , petals , corollas and buds are the key icons for the main structure in the departure and arrival level .

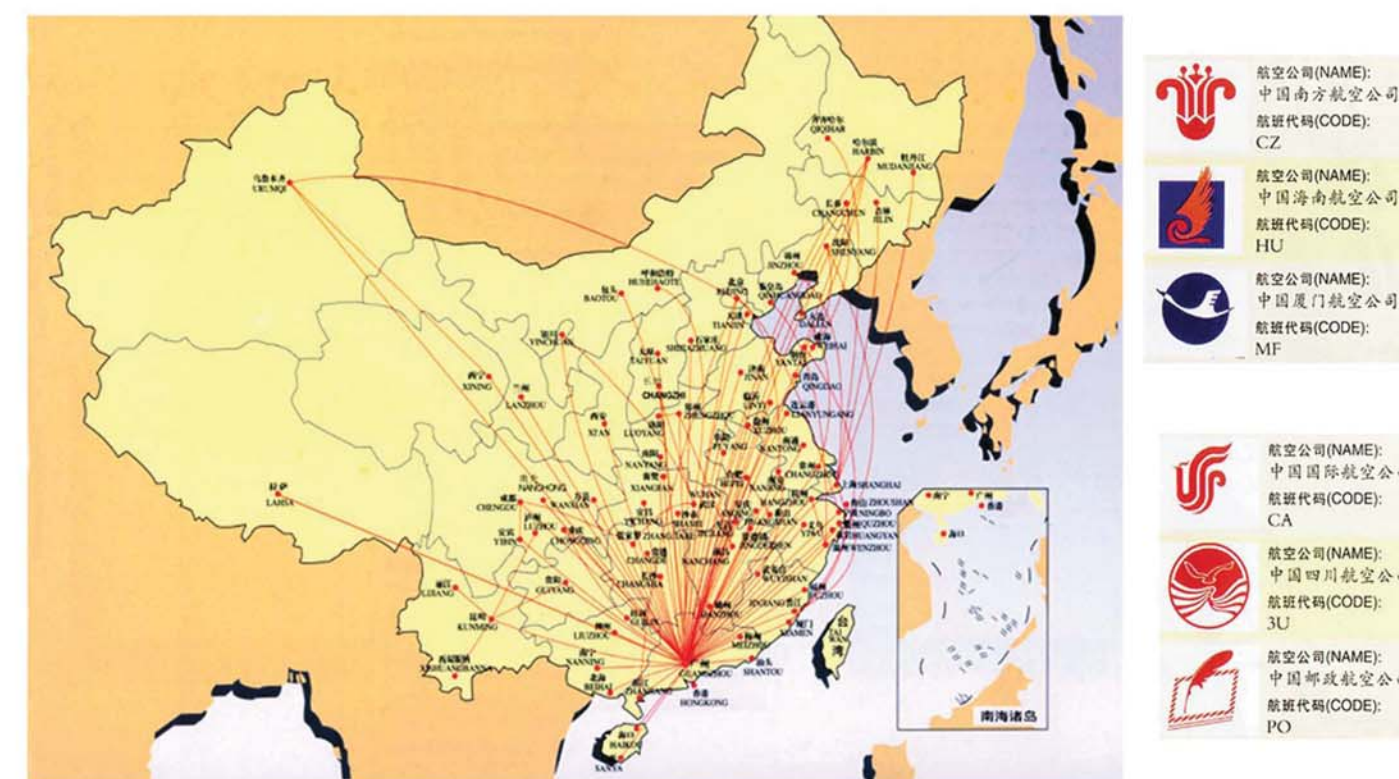


**Local Site**

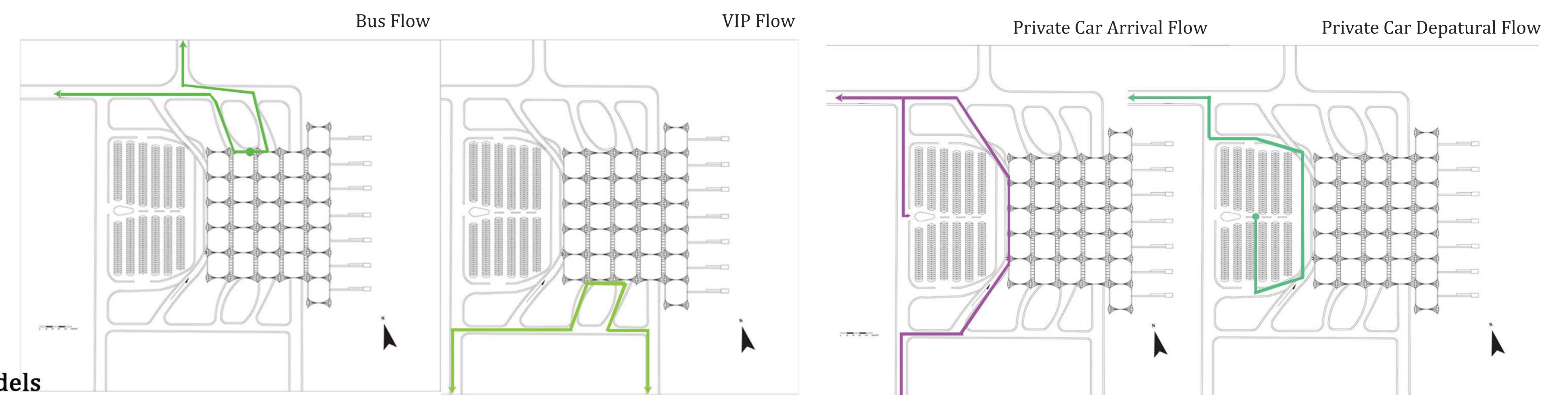
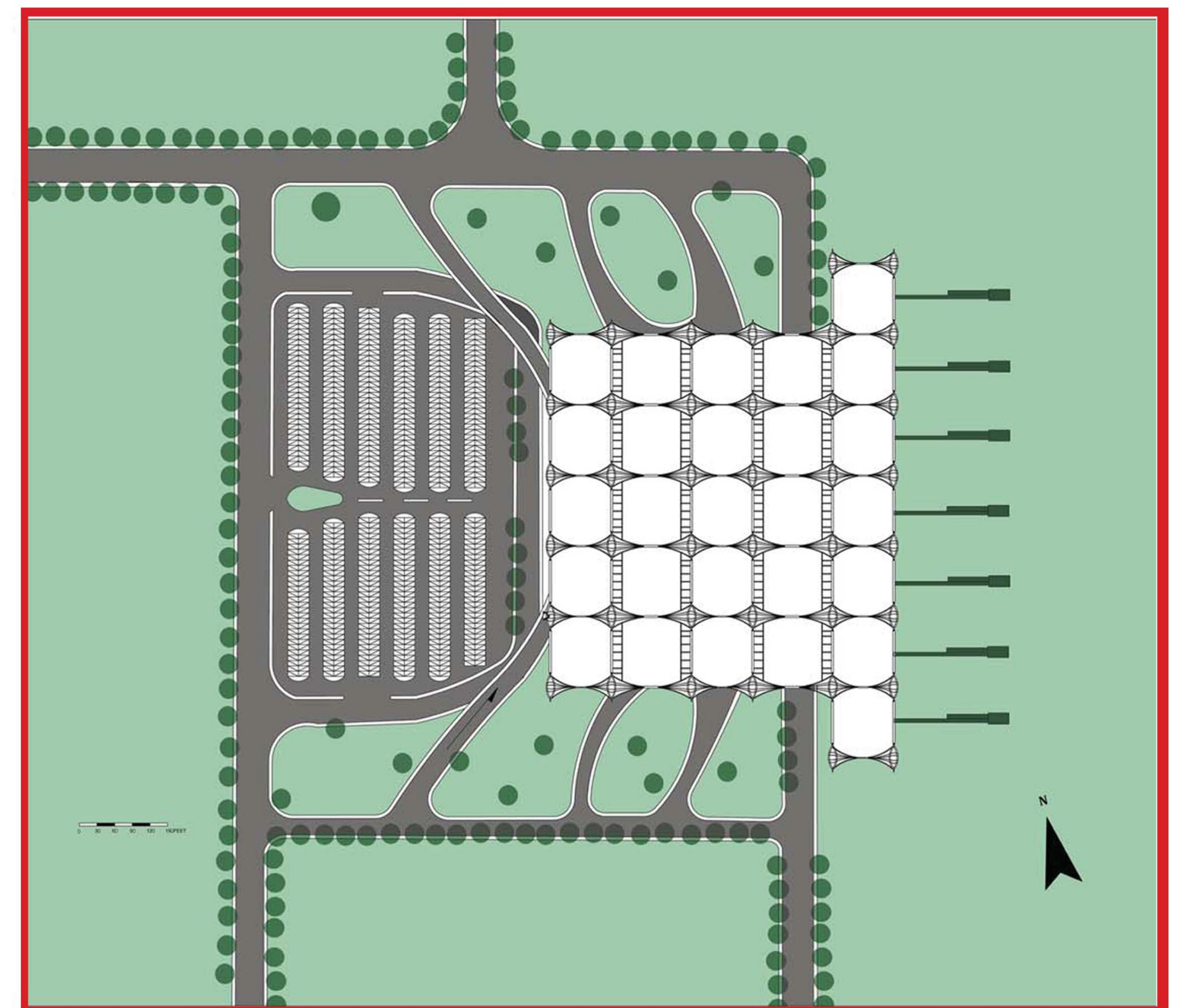


**Guangzhou Locate Site**

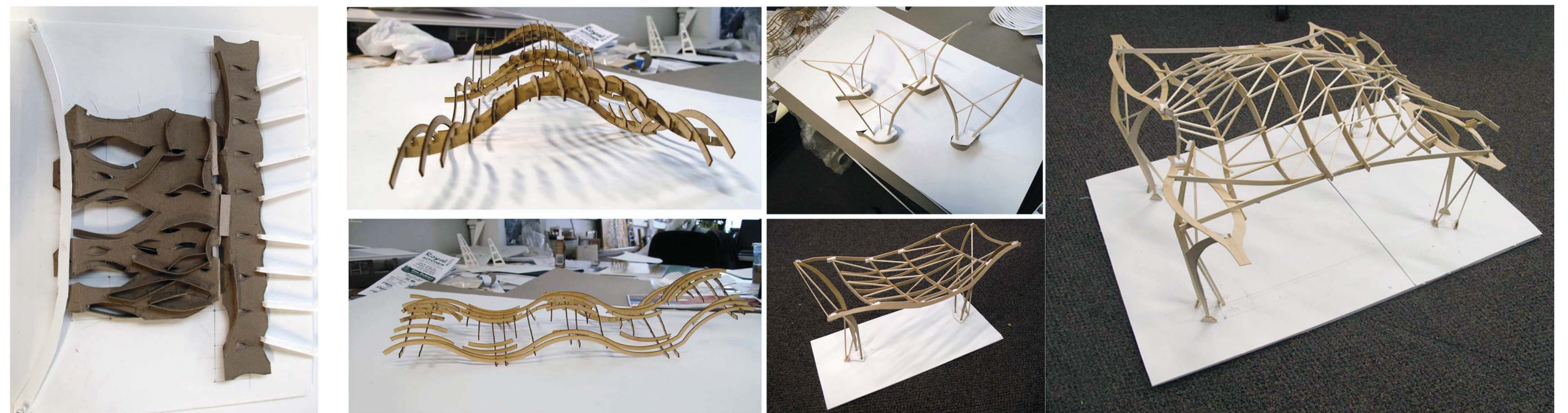
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
High (°C)	17.78	18.33	21.11	25	28.89	31.11	32.22	32.22	31.11	28.33	23.89	20
Low (°C)	9.44	11.11	14.44	18.89	22.22	24.44	25	25	23.33	20	15.56	11.11
Precip(mm)	1.7	2.6	3.4	7.2	0	0	9	8.7	6.8	3.1	1.7	.9
High (°F)	64	65	70	77	84	88	90	90	88	83	75	68
Low (°F)	49	52	58	66	72	76	77	77	74	68	60	52



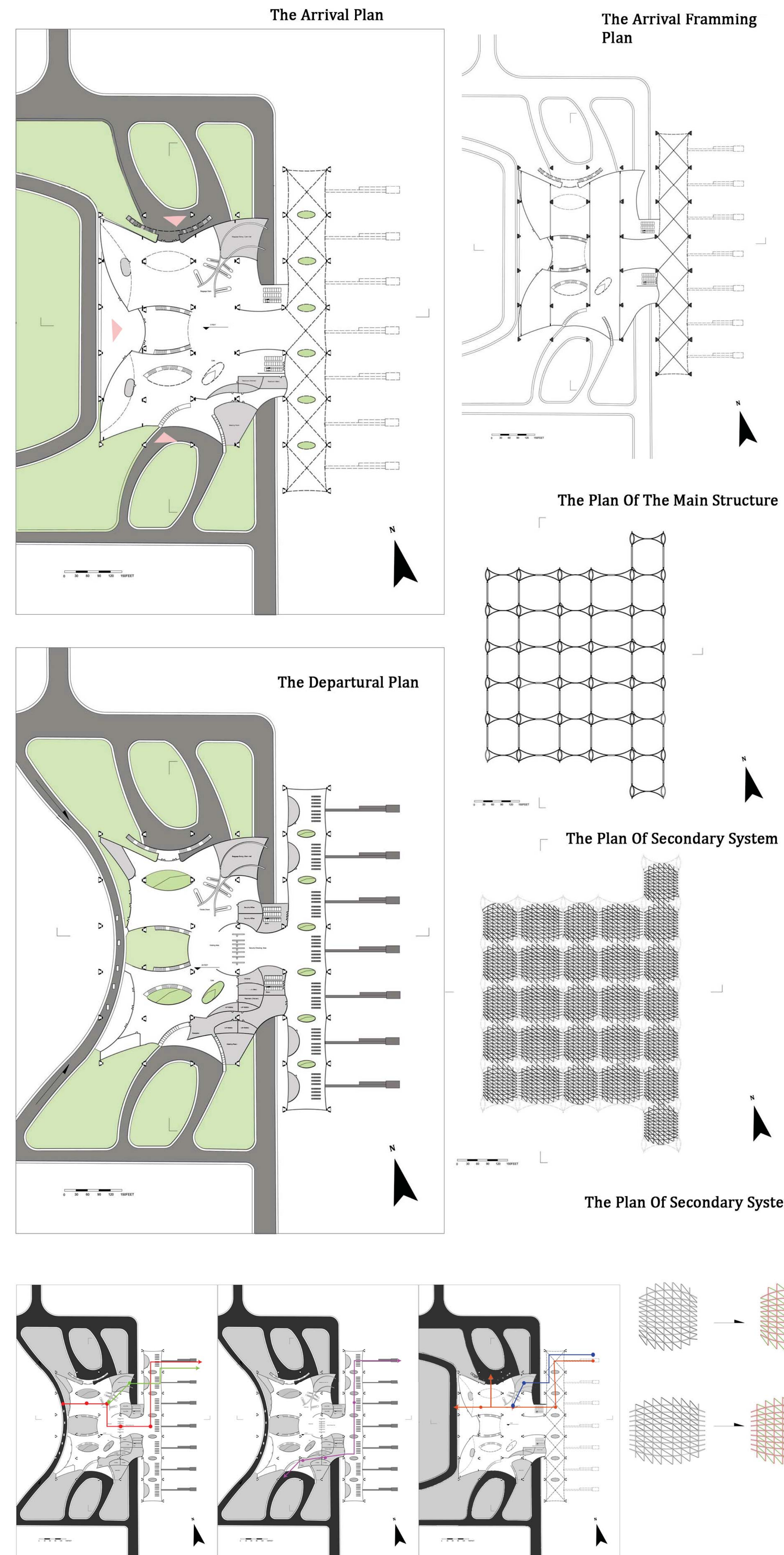
**Site Plan**



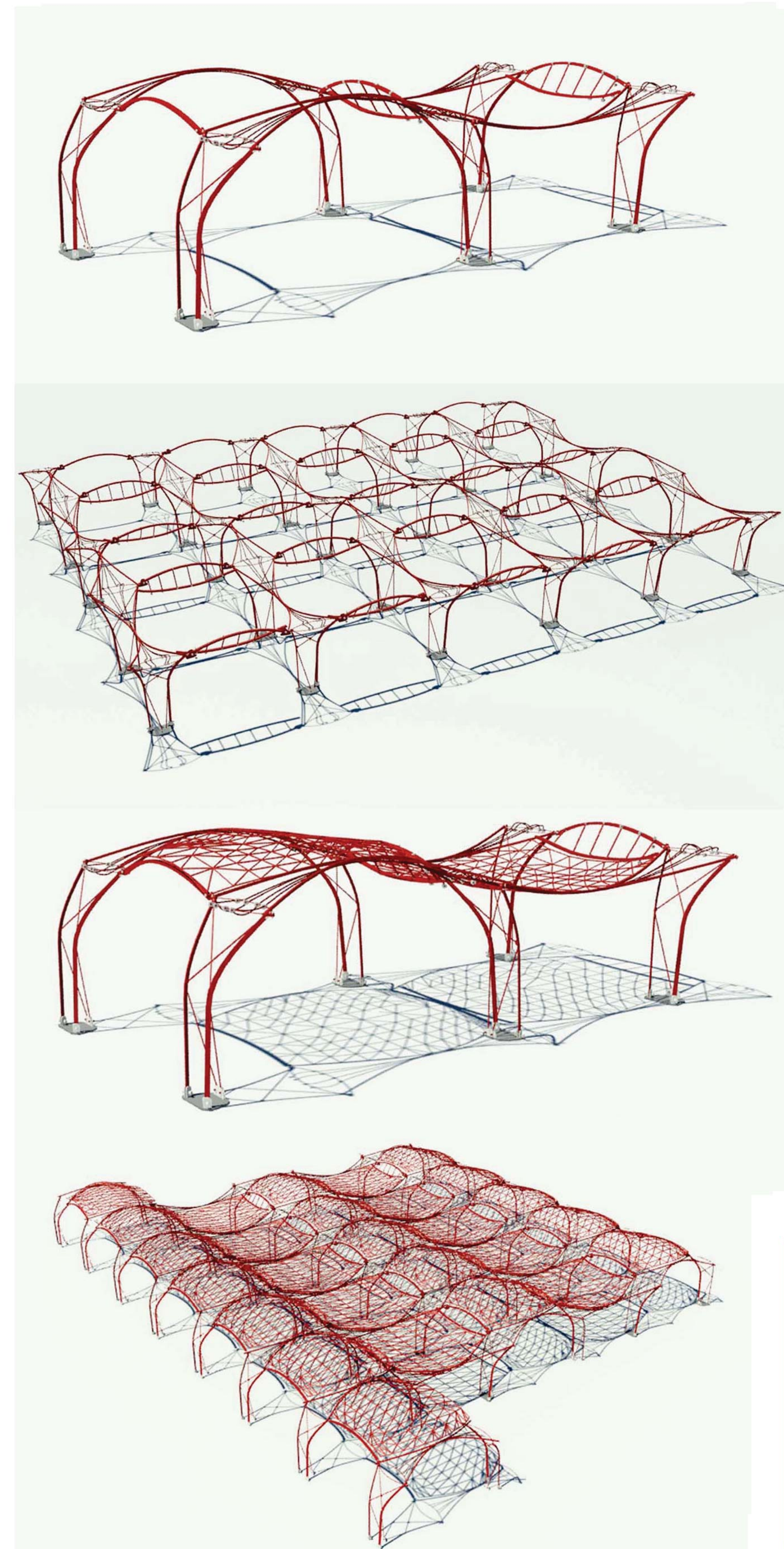
**Study models**



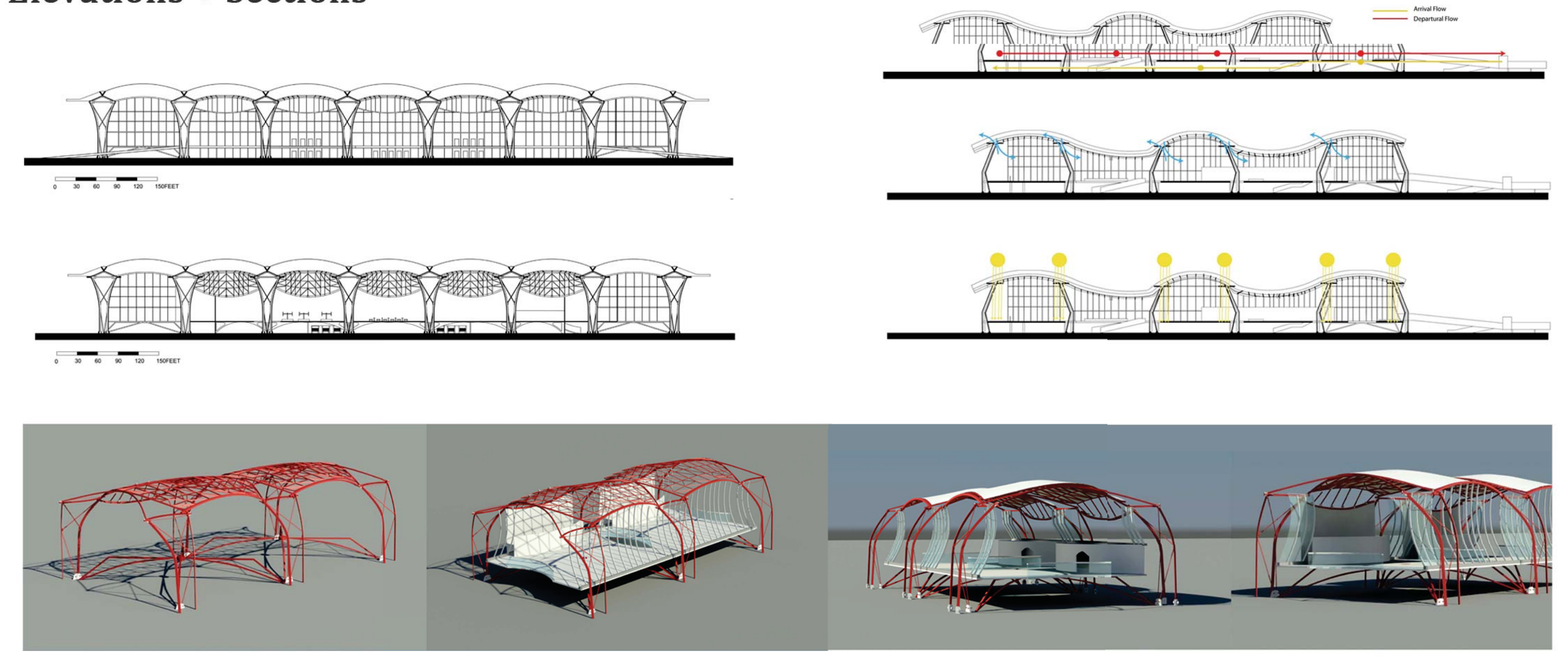
The Plans



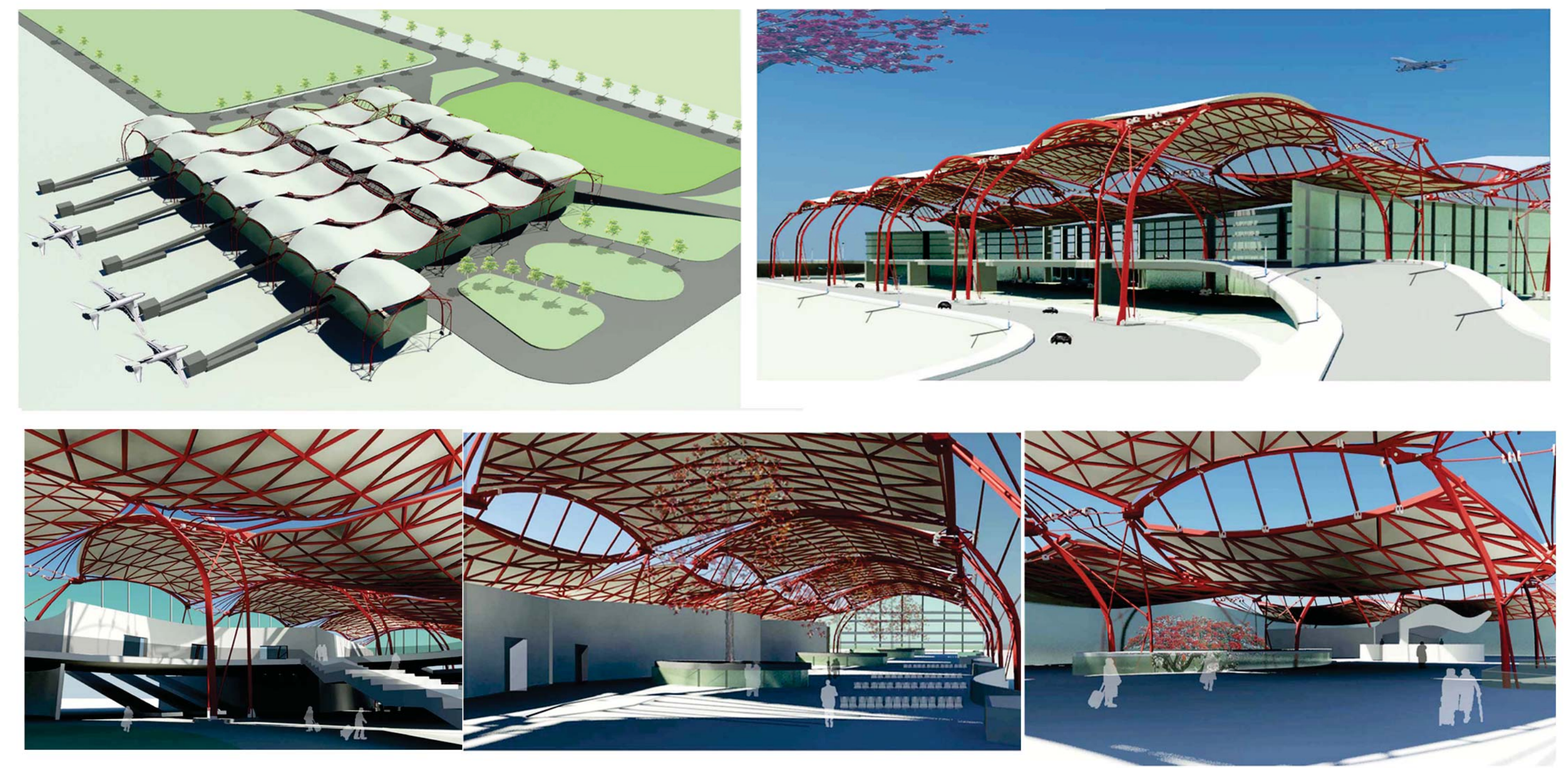
The Main Structure System & Detailed Model



Elevations + Sections



Terminal Views



The Completed Structure

