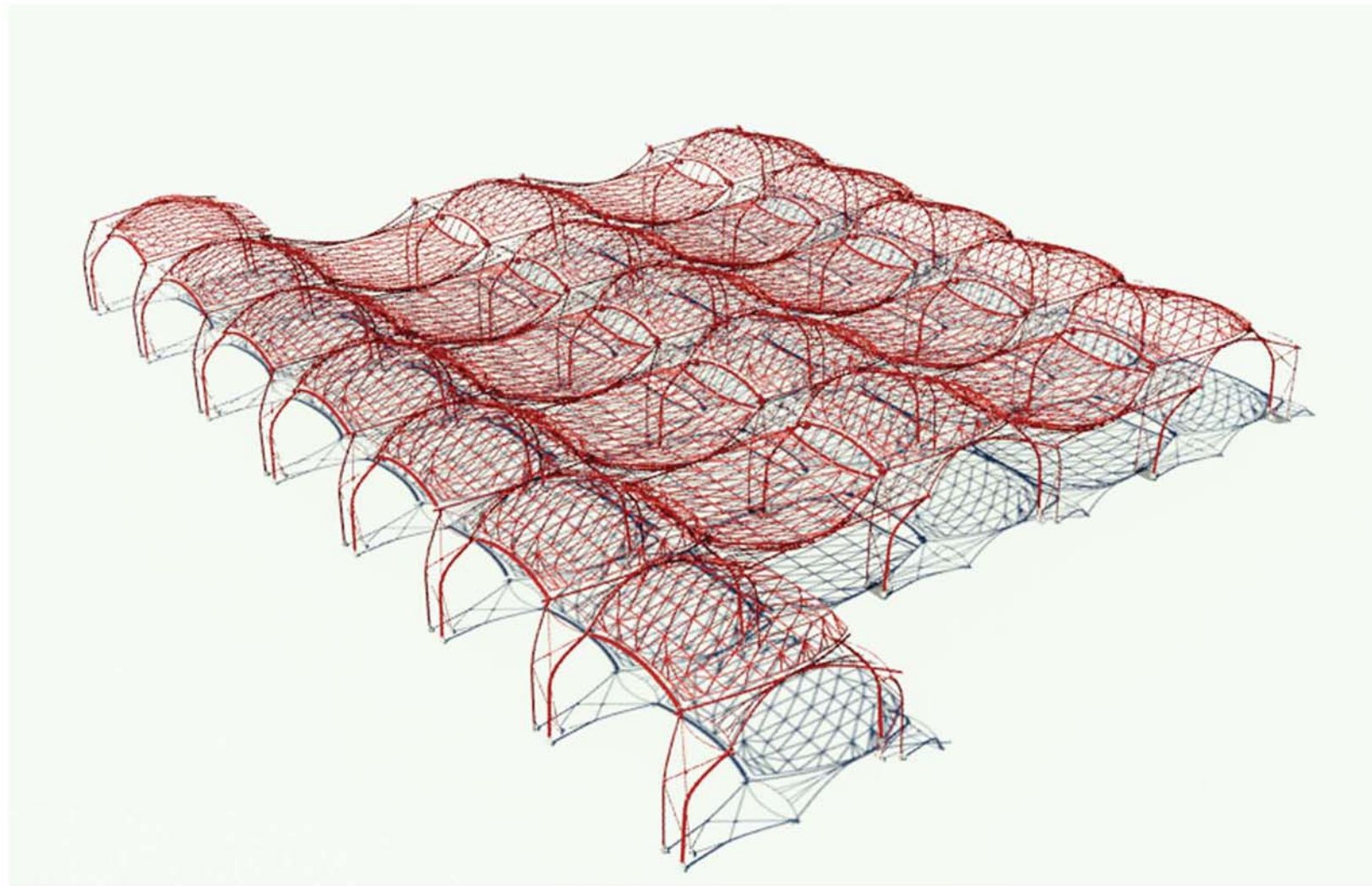


Terniminal 3, Guangzou Baiyun international Airport , China

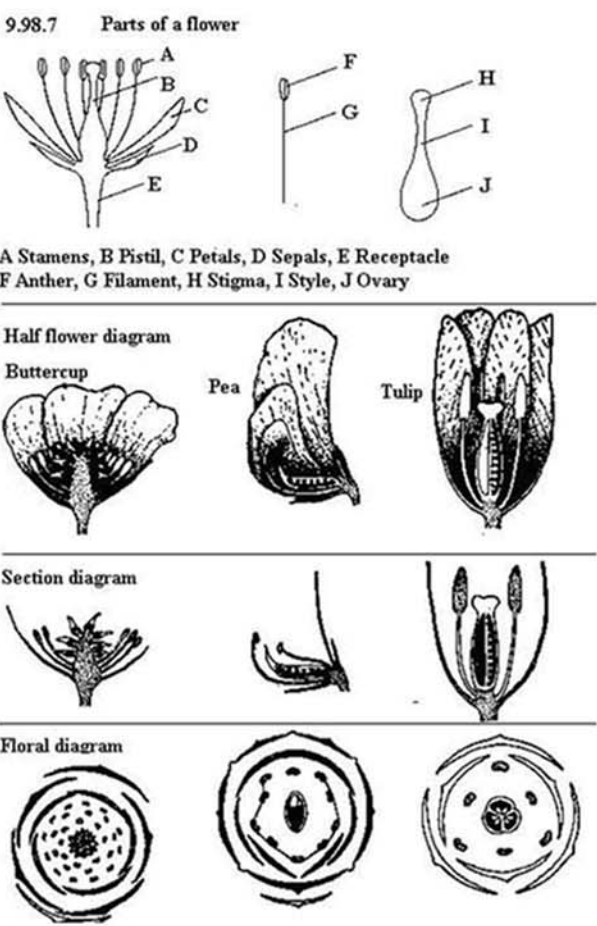


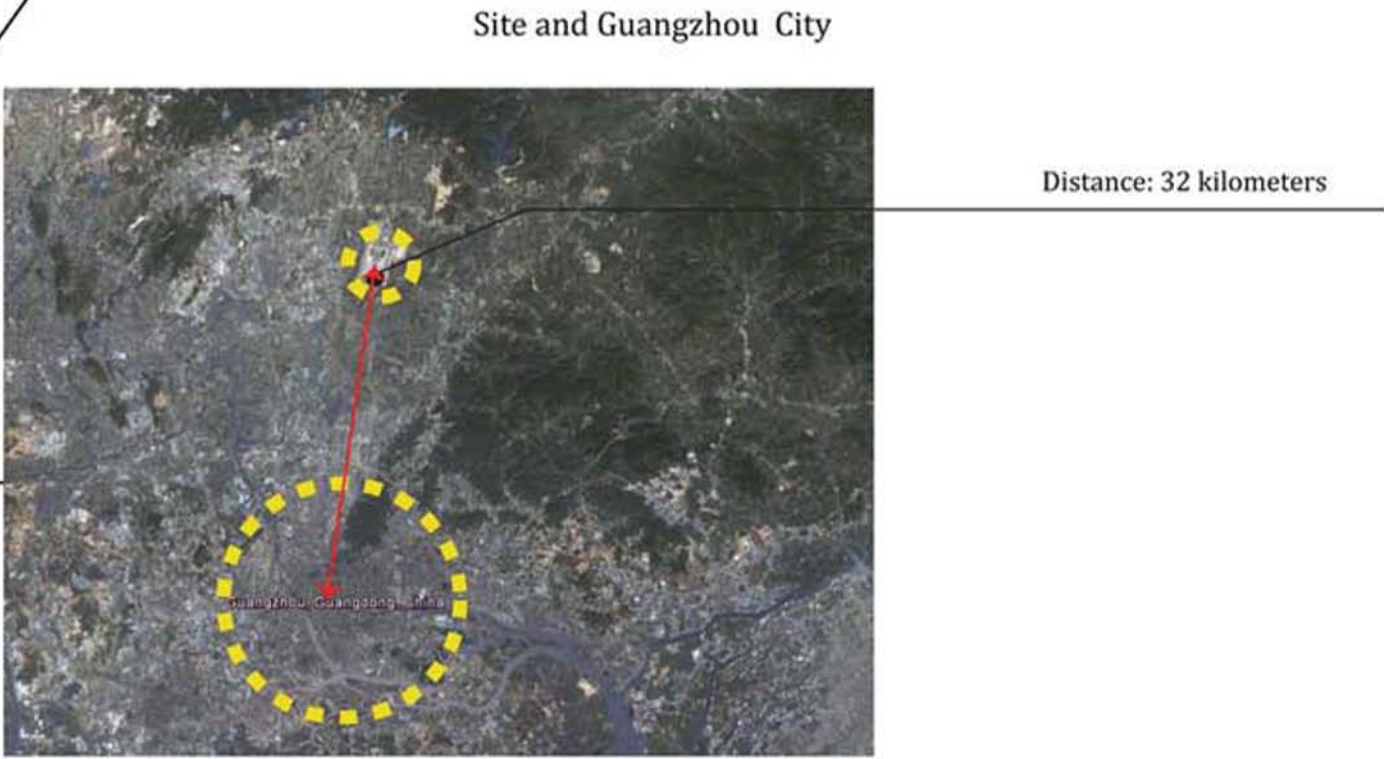
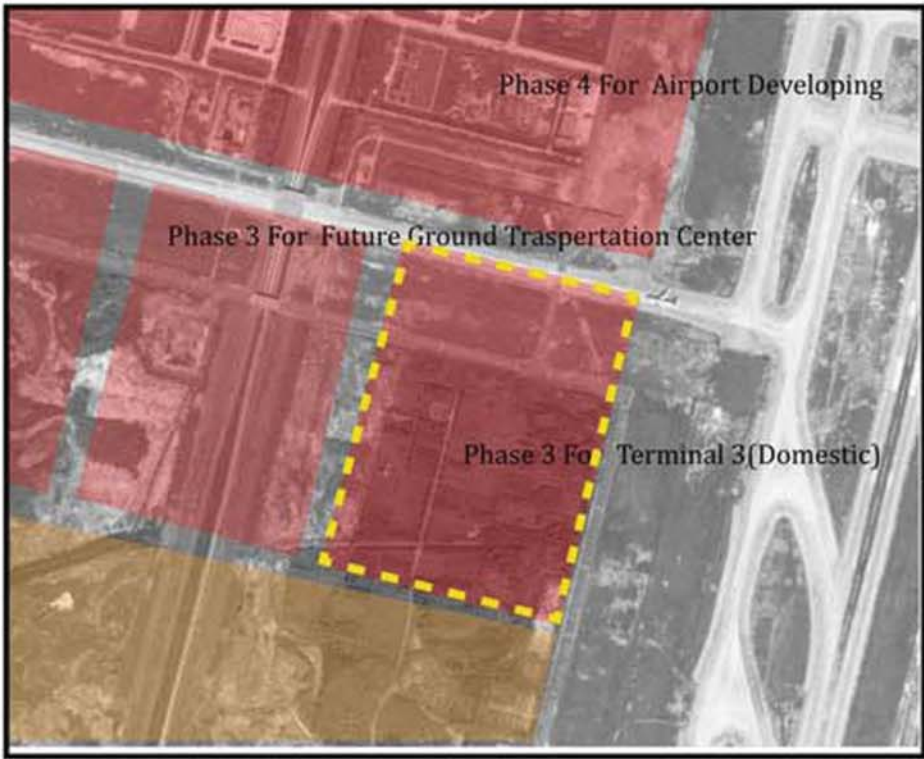
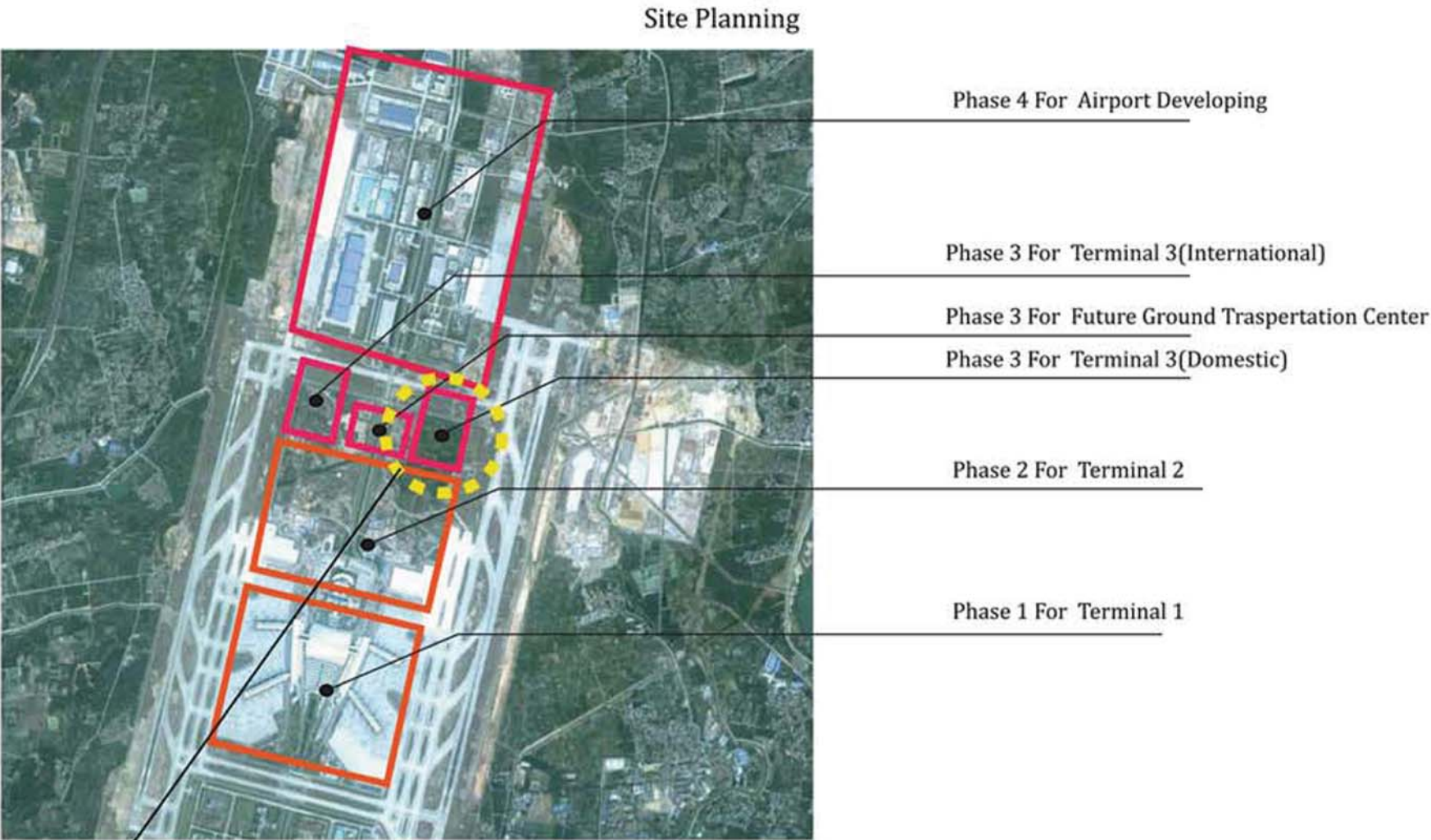
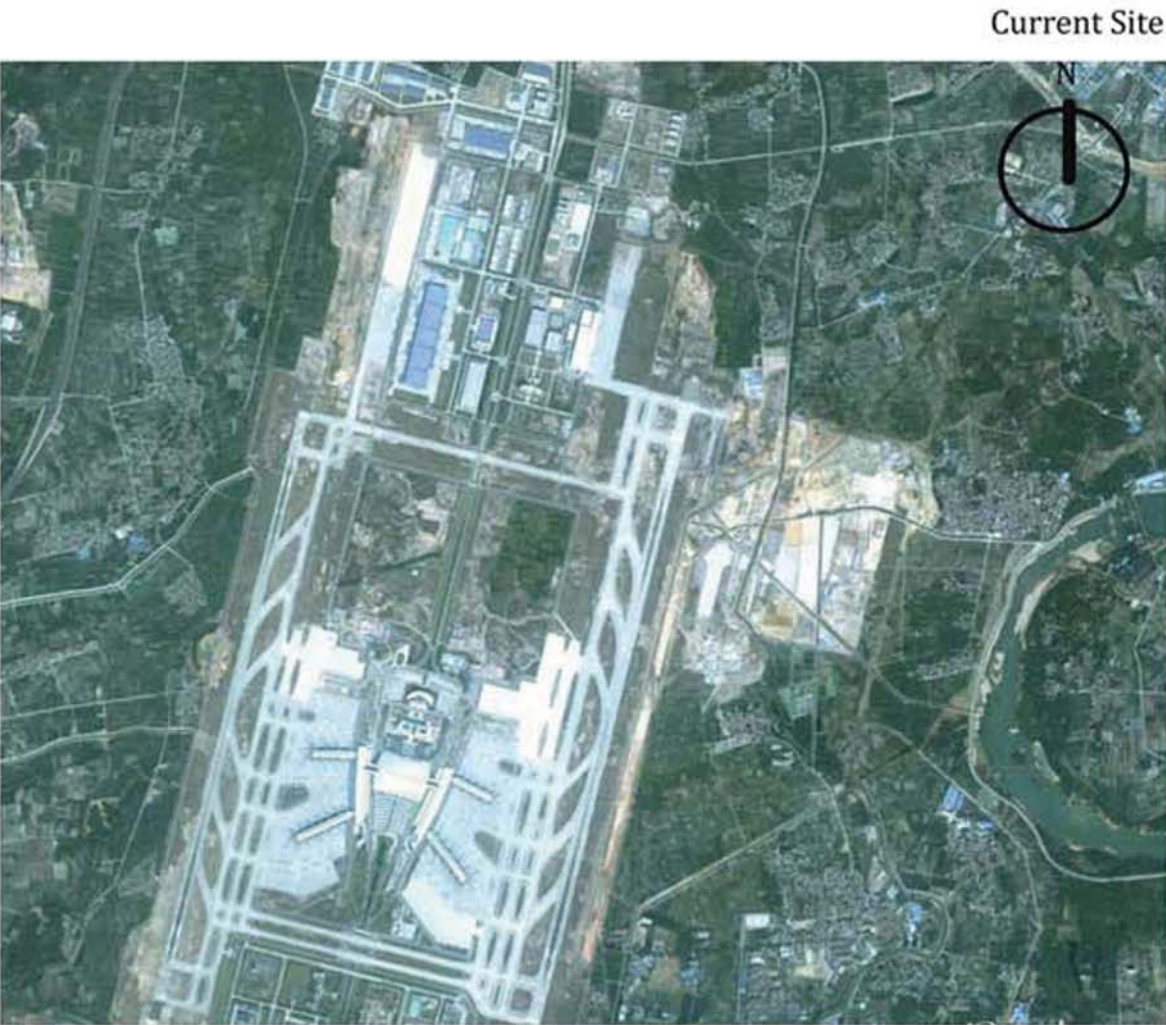
Hua Shen Master Project (Arch 593)
Professor Paul Endres

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 .





The Bird View Of the Site



The Coverd Range Of The Airline Companies



- 

航空公司(NAME): 中国南方航空公司
航班代码(CODE): CZ
- 

航空公司(NAME): 中国海南航空公司
航班代码(CODE): HU
- 

航空公司(NAME): 中国厦门航空公司
航班代码(CODE): MF
- 

航空公司(NAME): 中国国际航空公司
航班代码(CODE): CA
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航空公司(NAME): 中国四川航空公司
航班代码(CODE): 3U
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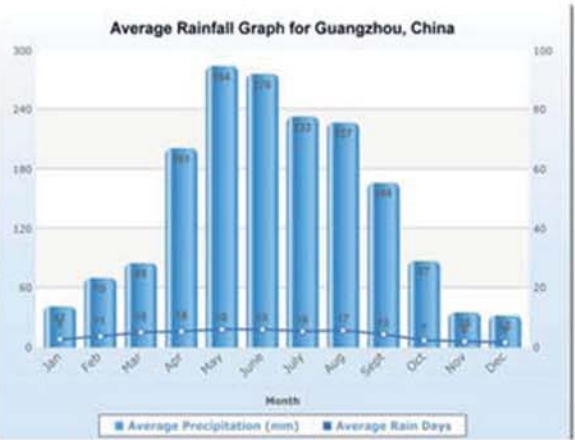
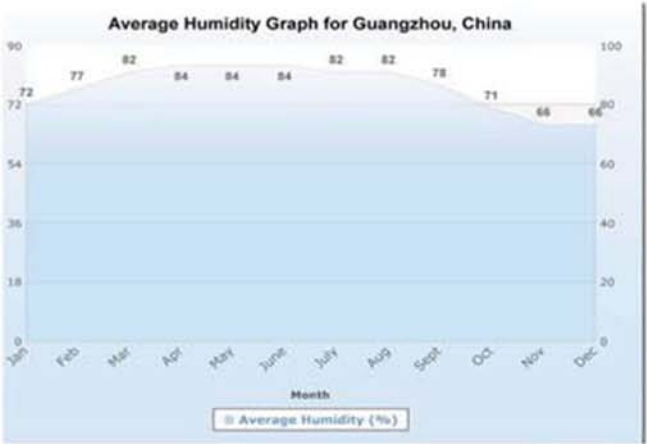
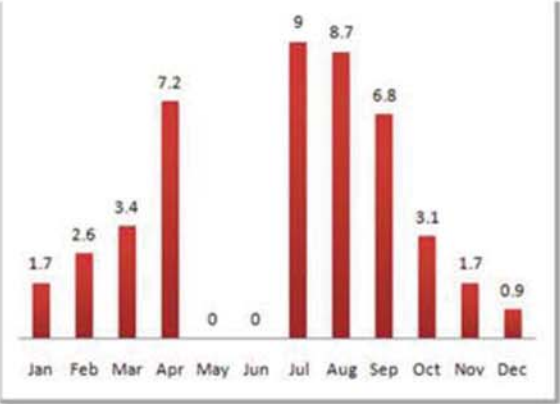
航空公司(NAME): 中国邮政航空公司
航班代码(CODE): PO

The Climate

	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



Guangzhou Average Monthly Precipitation



The Panzhou international exhibition center



Guangzhou Stadium

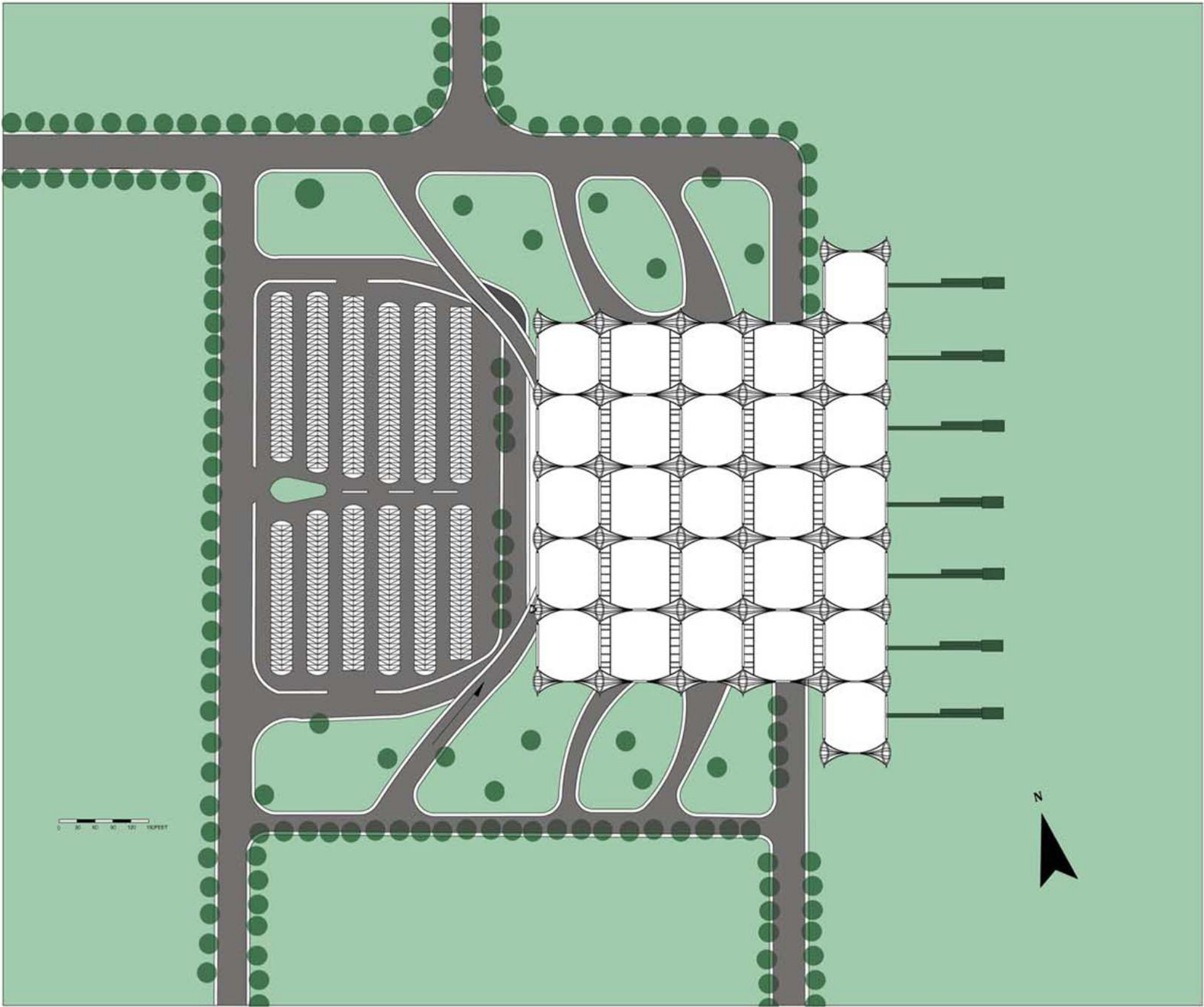


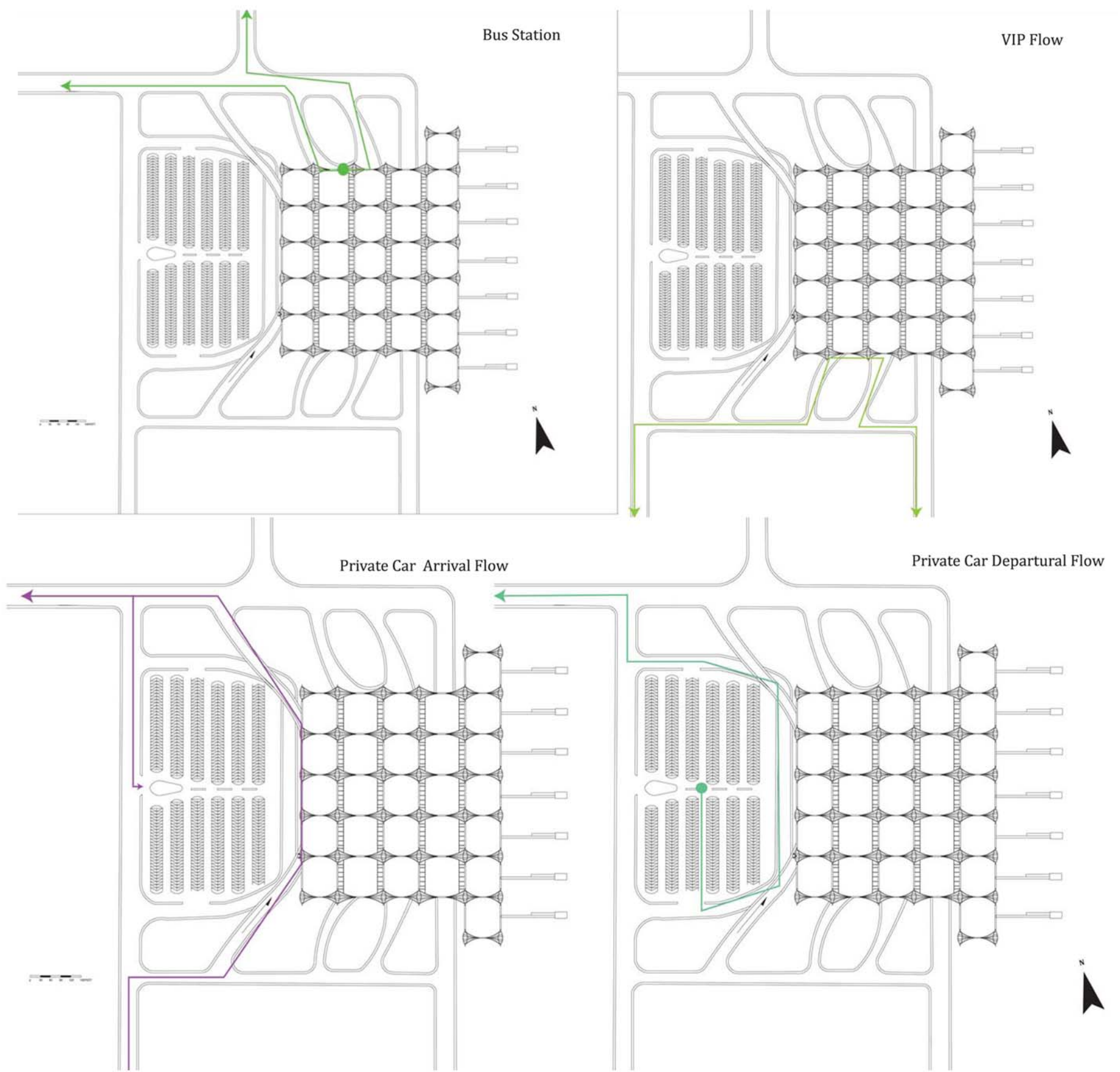
Guangzhou Operal House

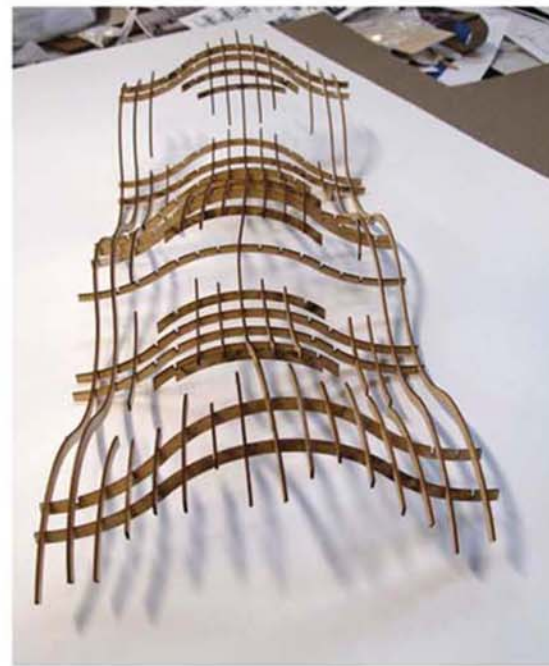
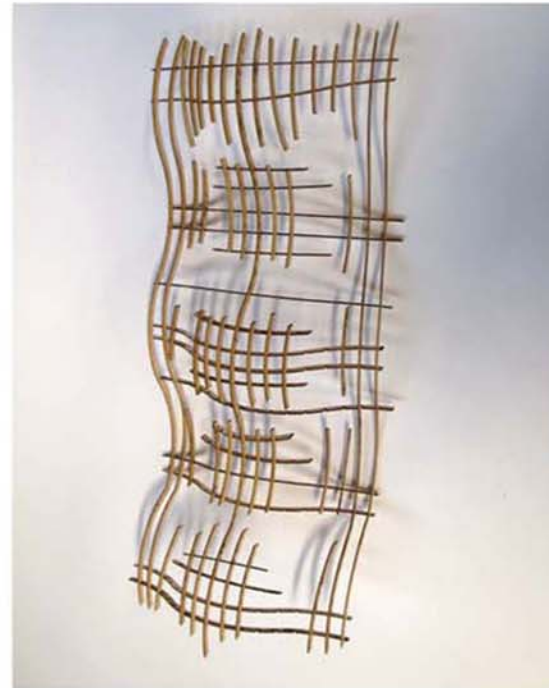


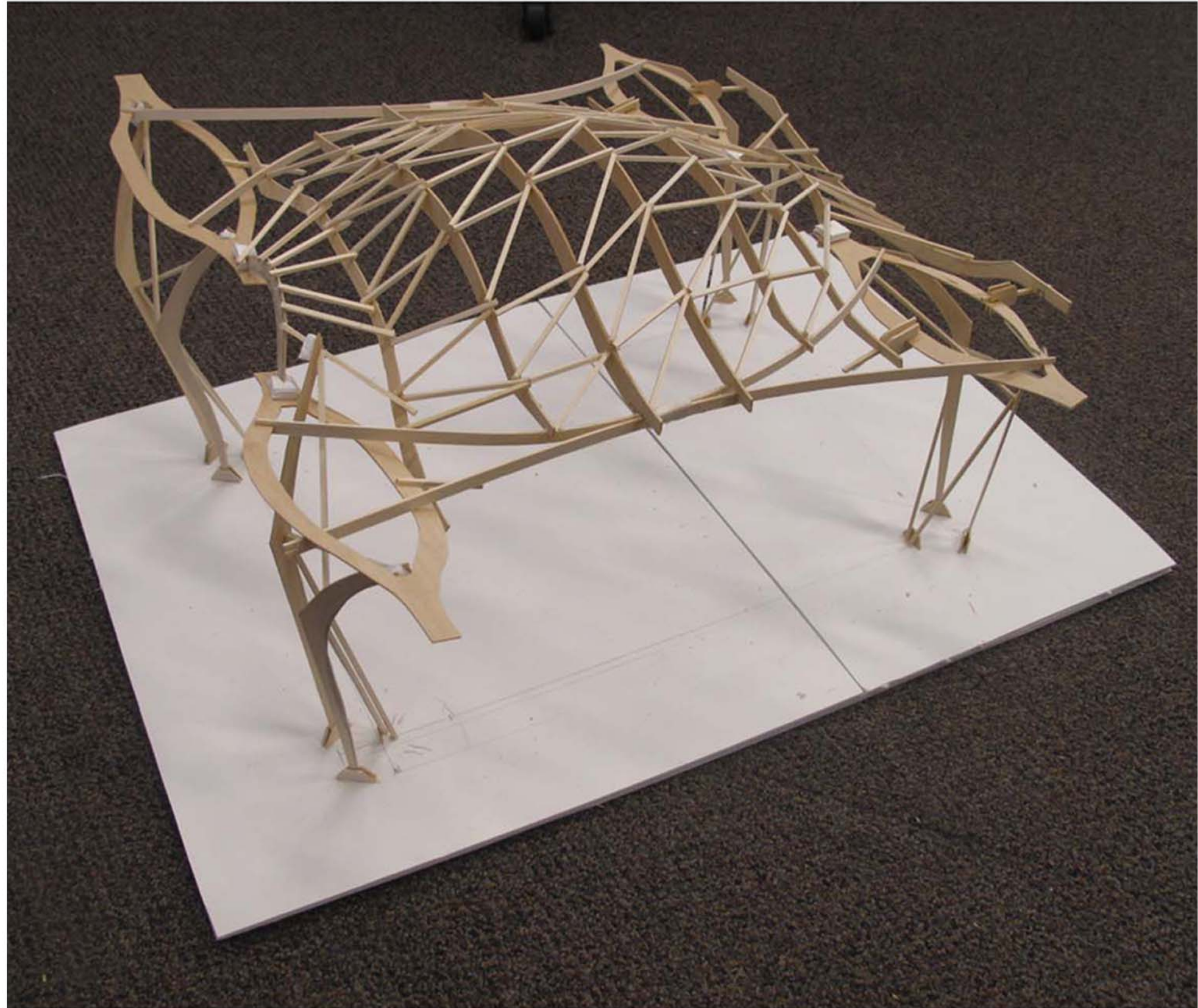
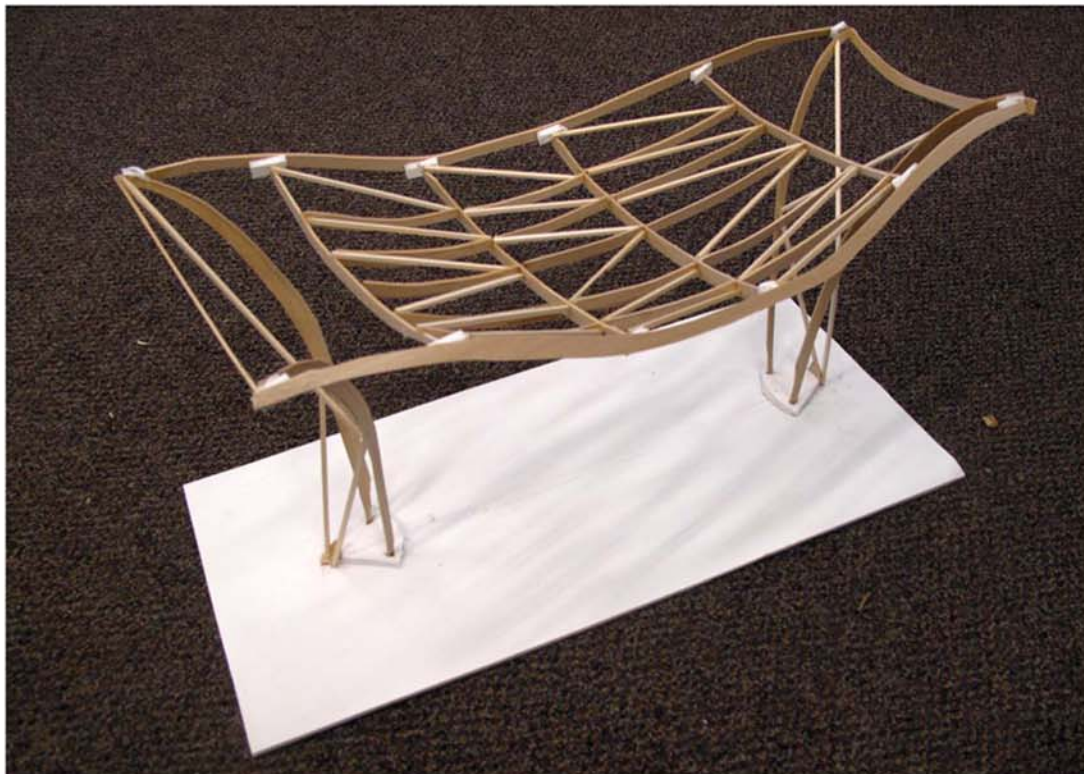
Guangzhou Tower

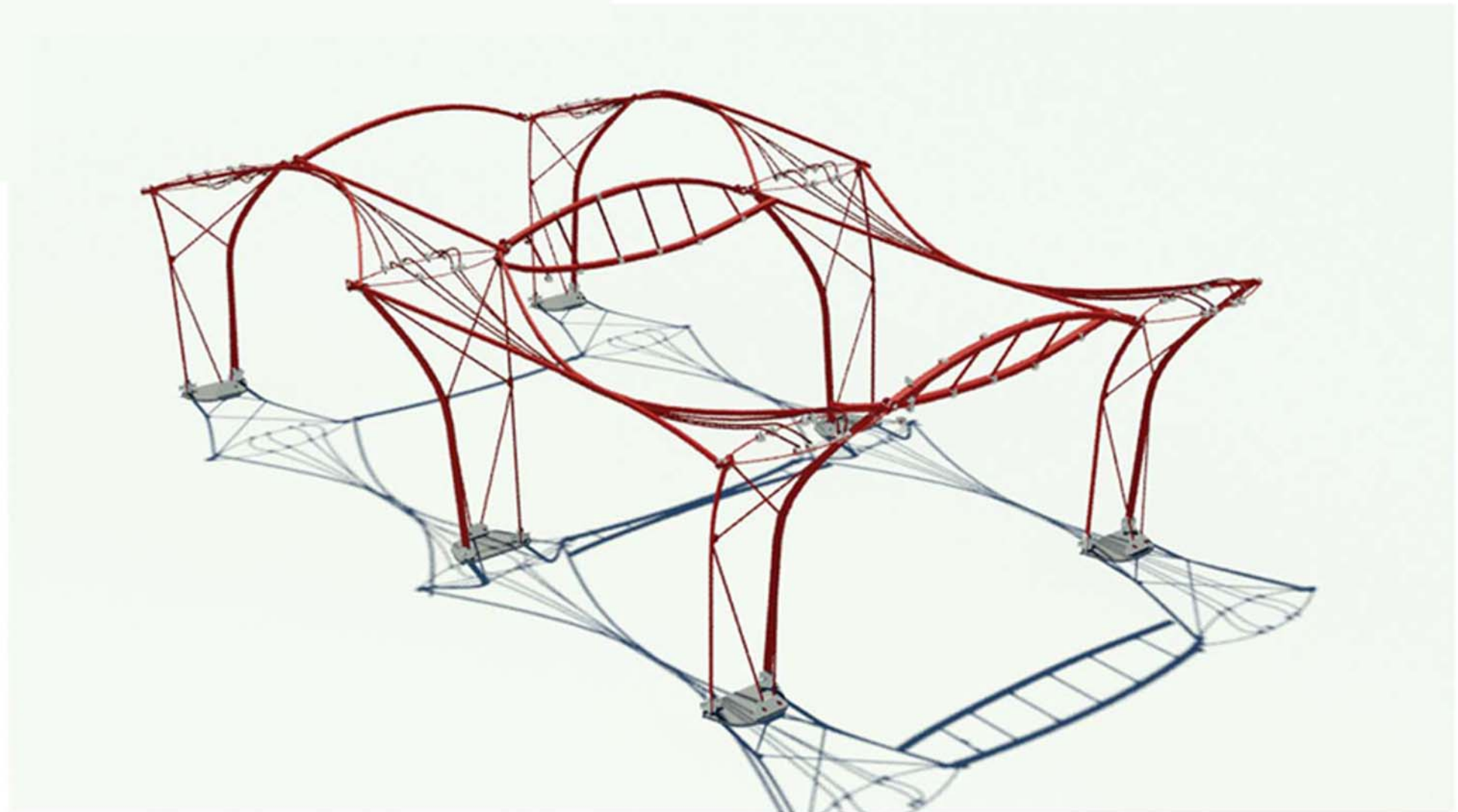
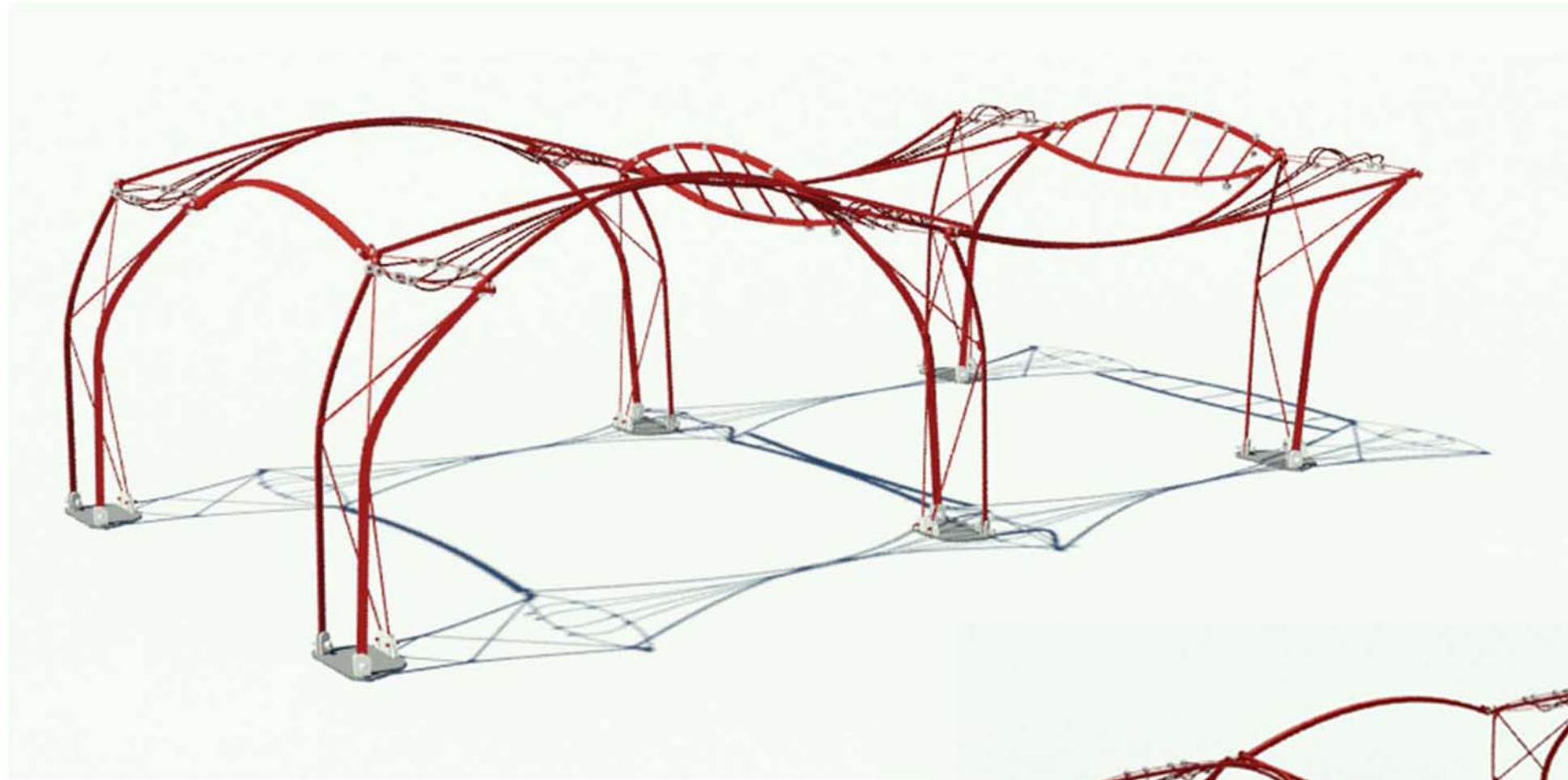


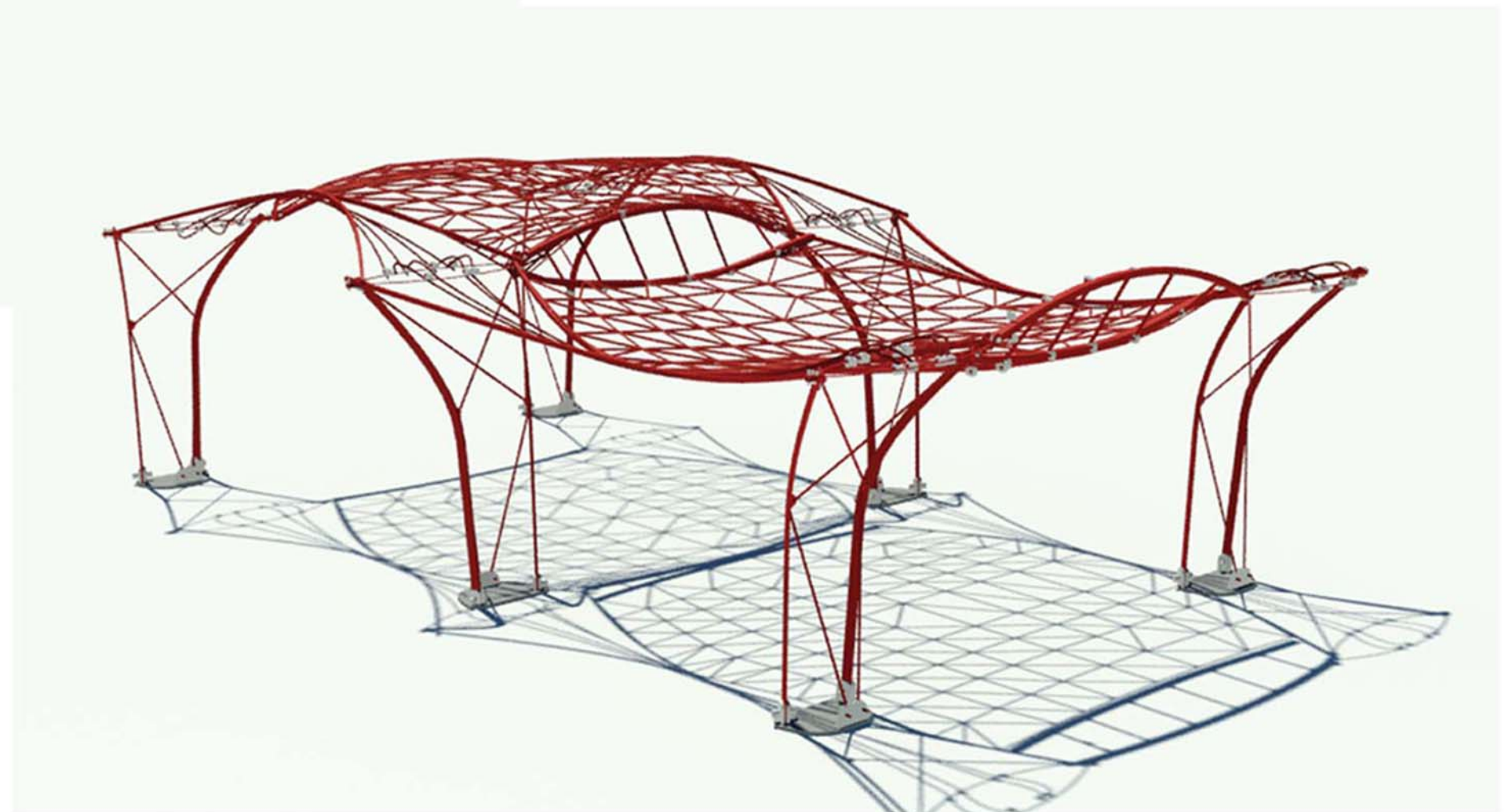
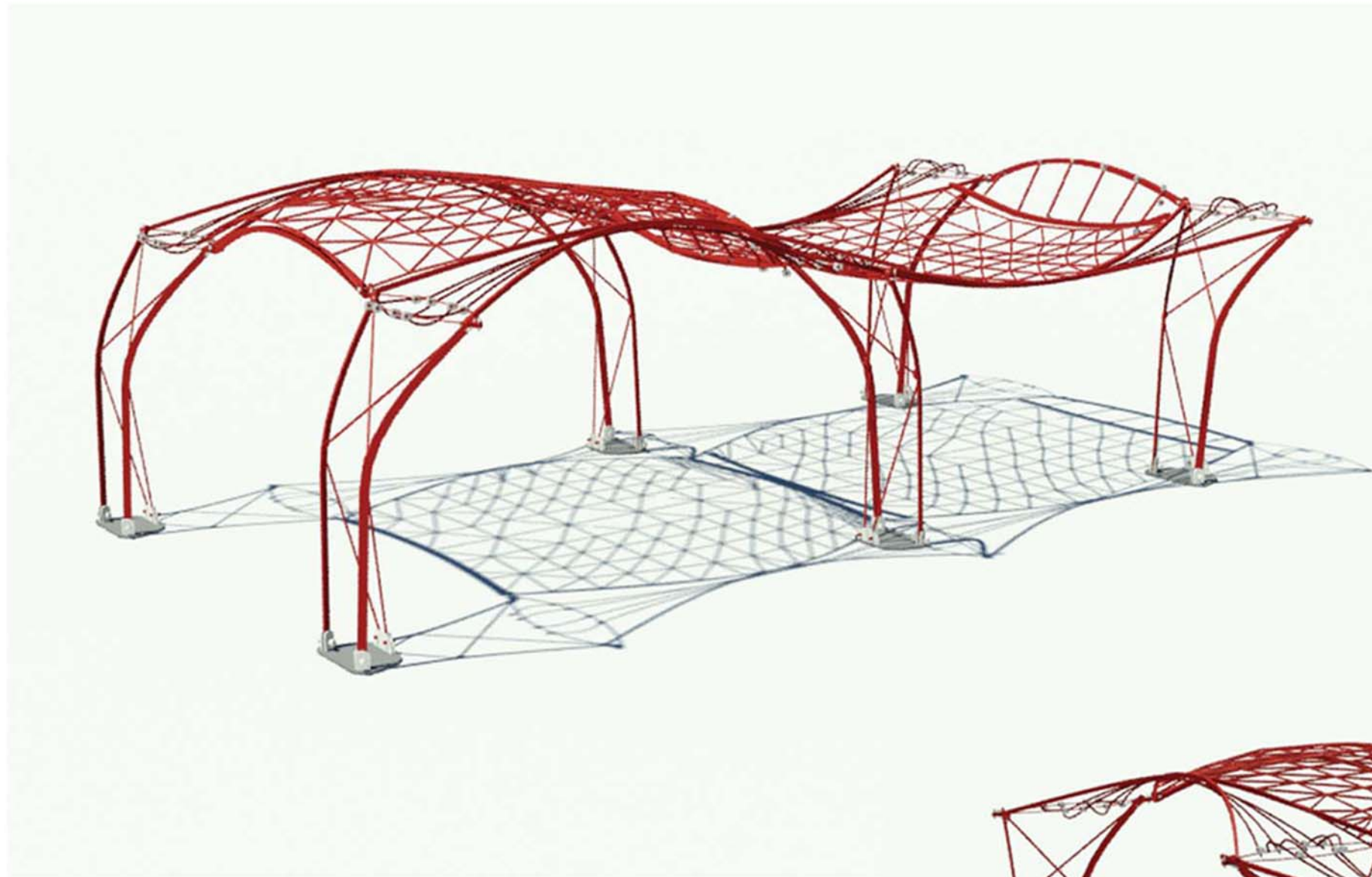


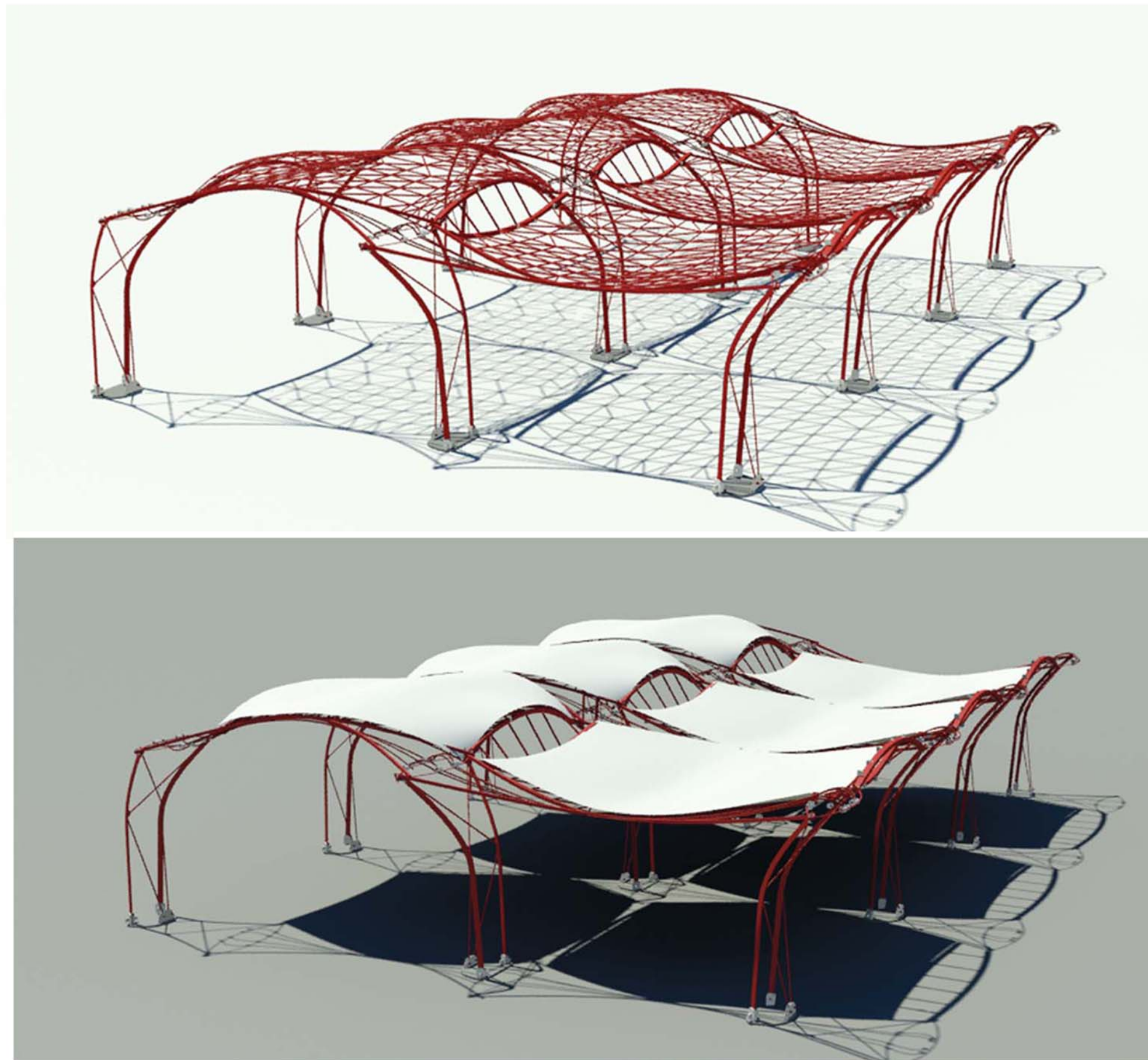






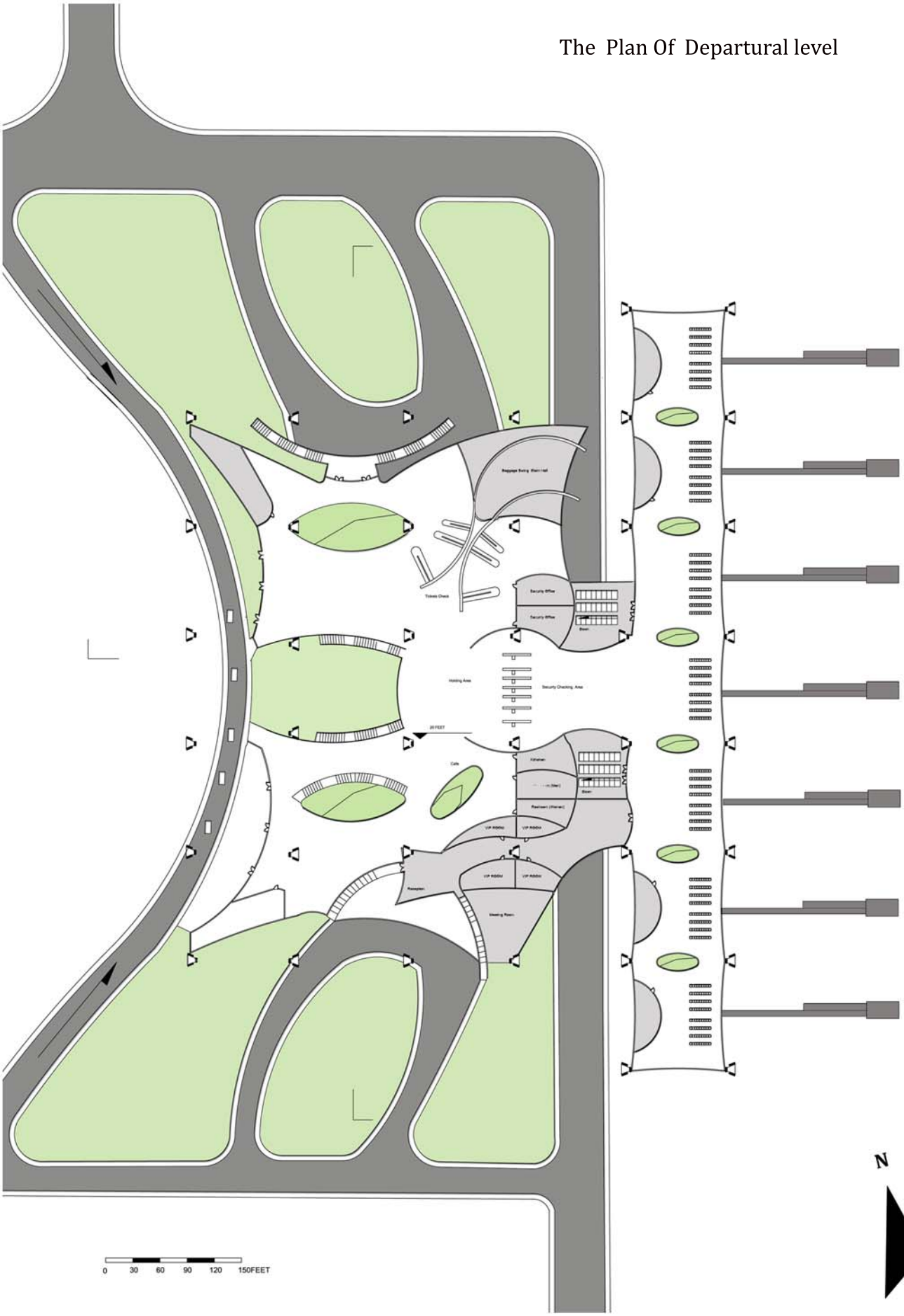
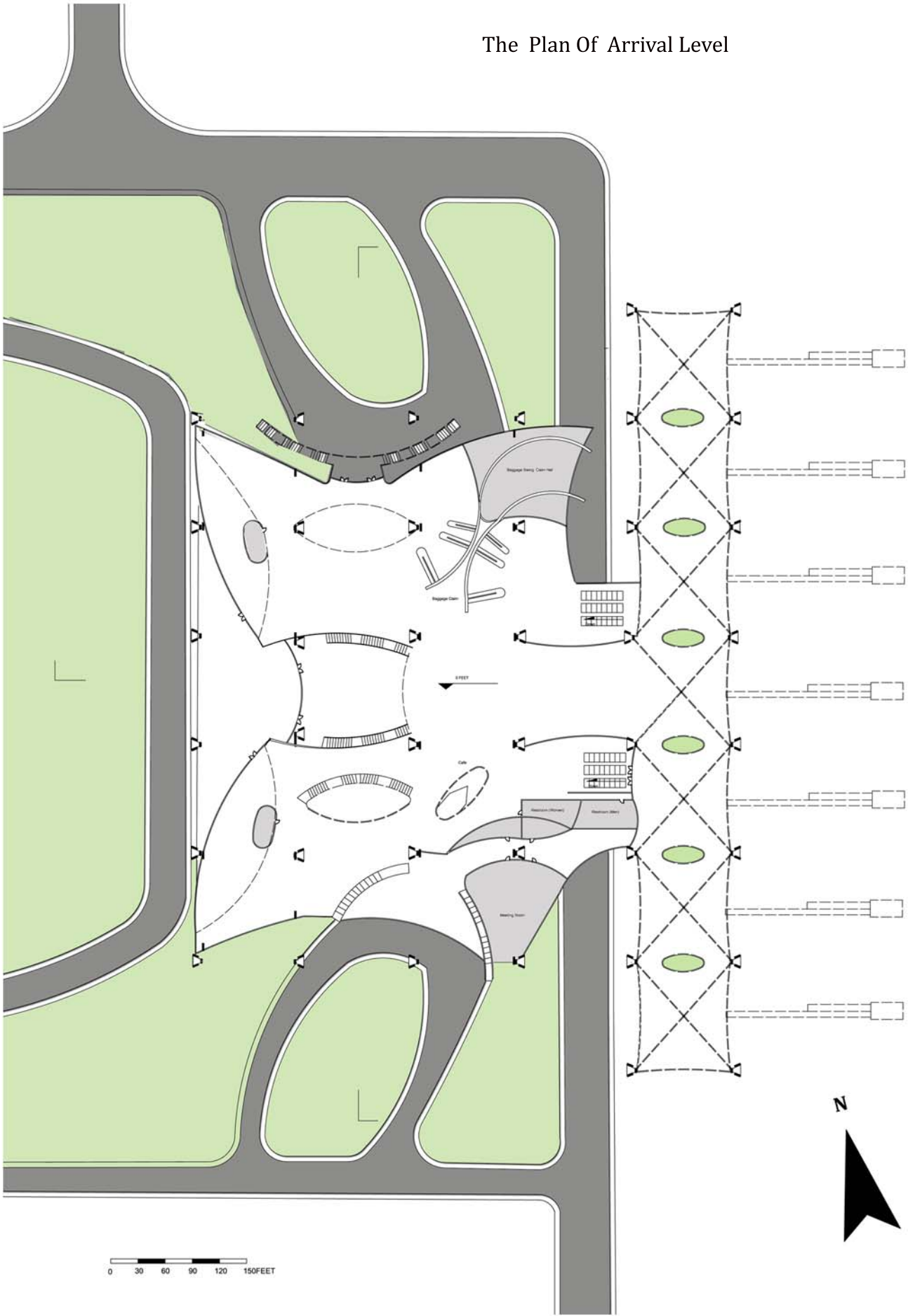




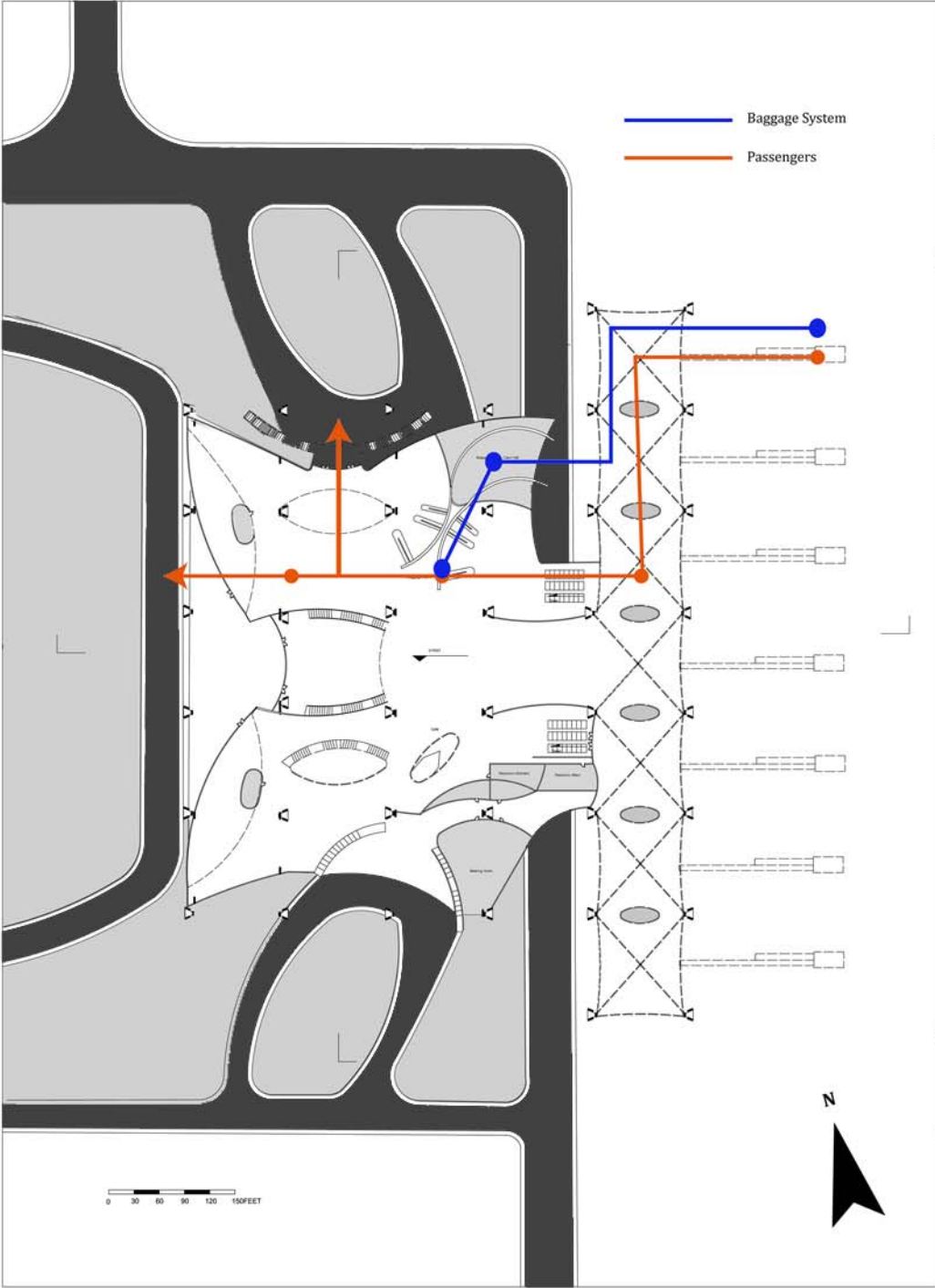


The Plan Of Arrival Level

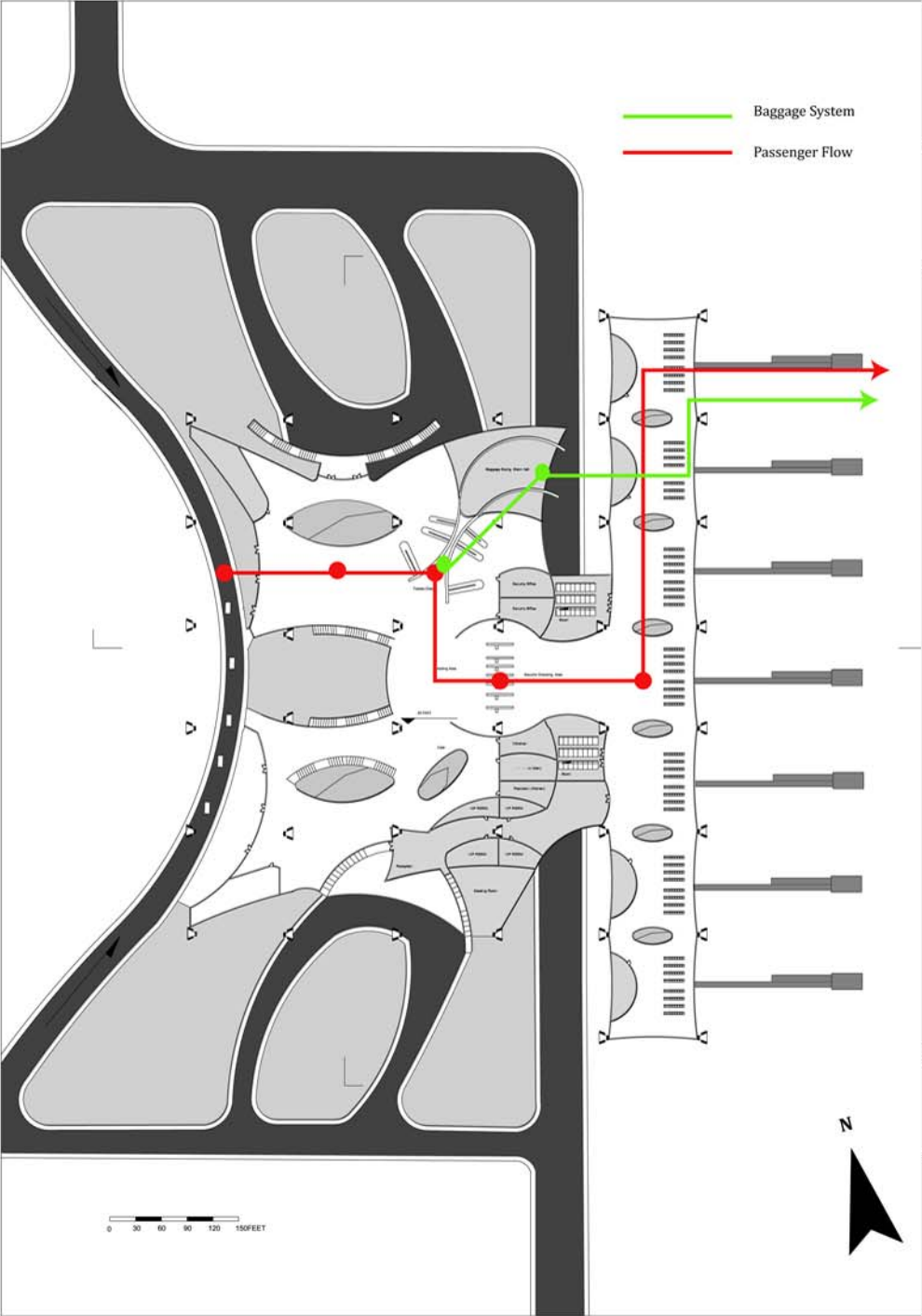
The Plan Of Departural level



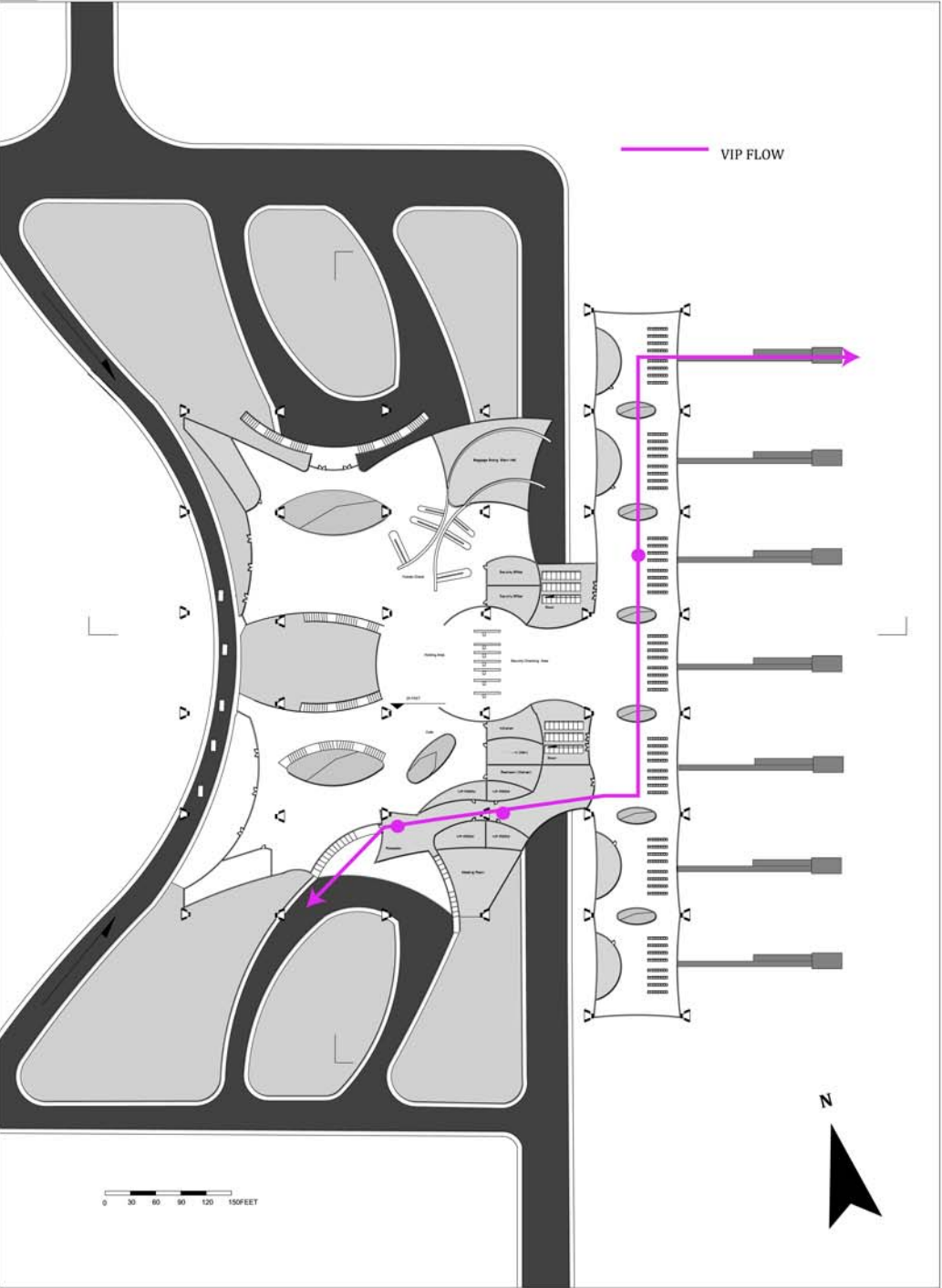
The Flows Of Arrival Level



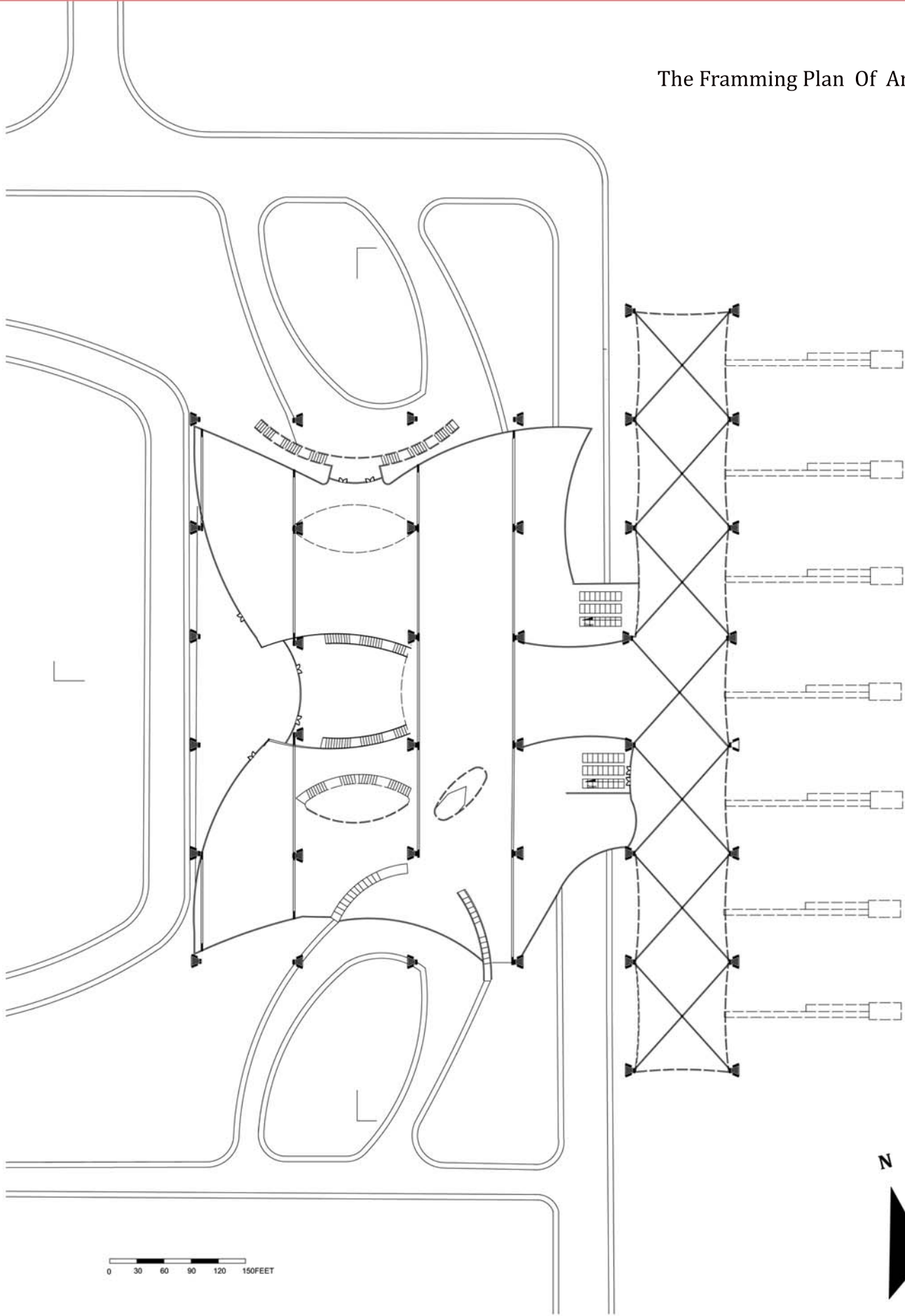
The Flows Of Departural Level



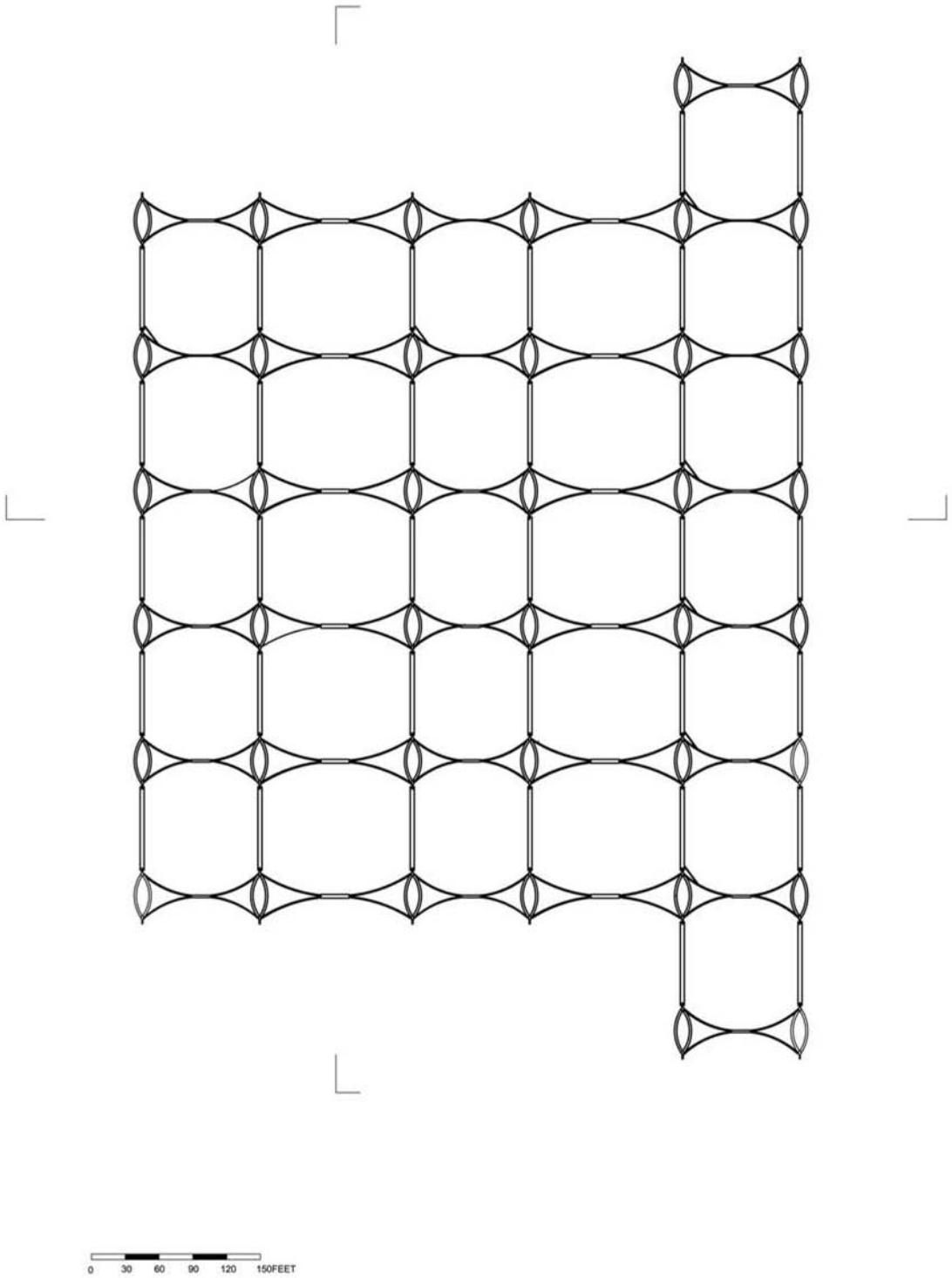
The VIP Flow Of Departural level



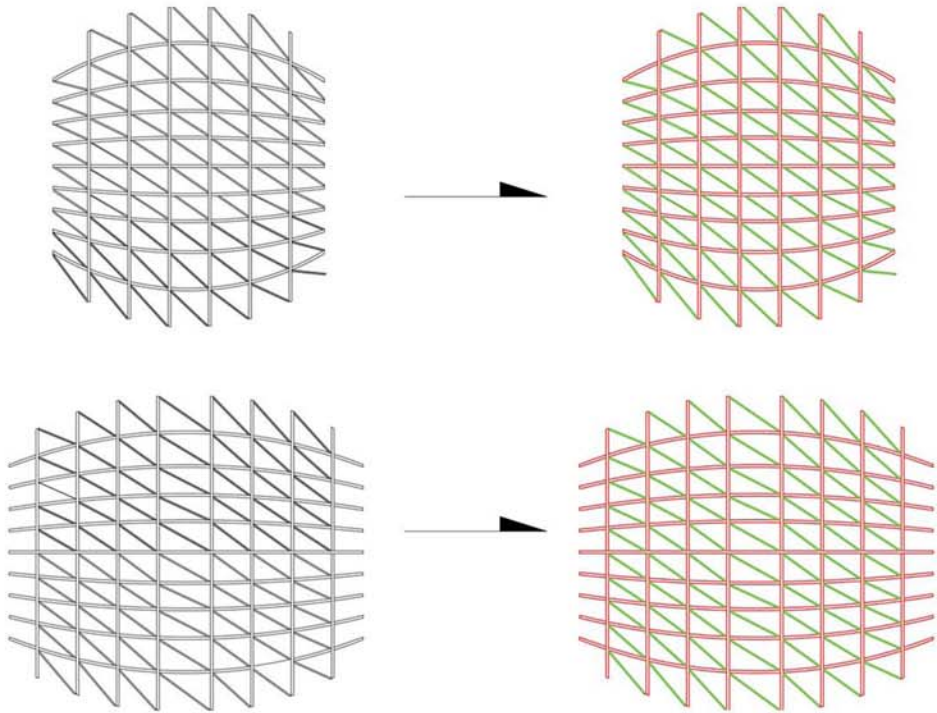
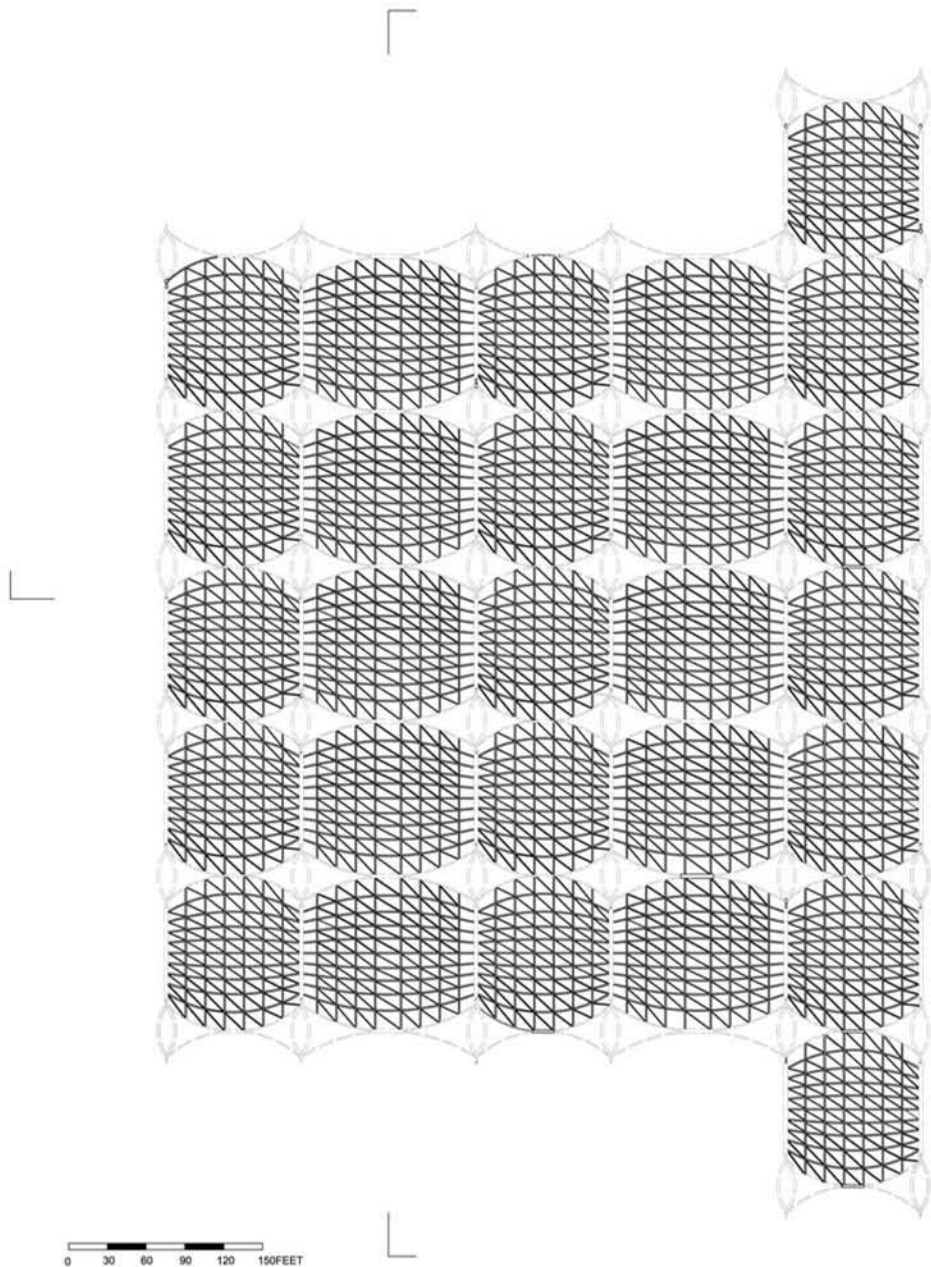
The Framming Plan Of Arrival Level



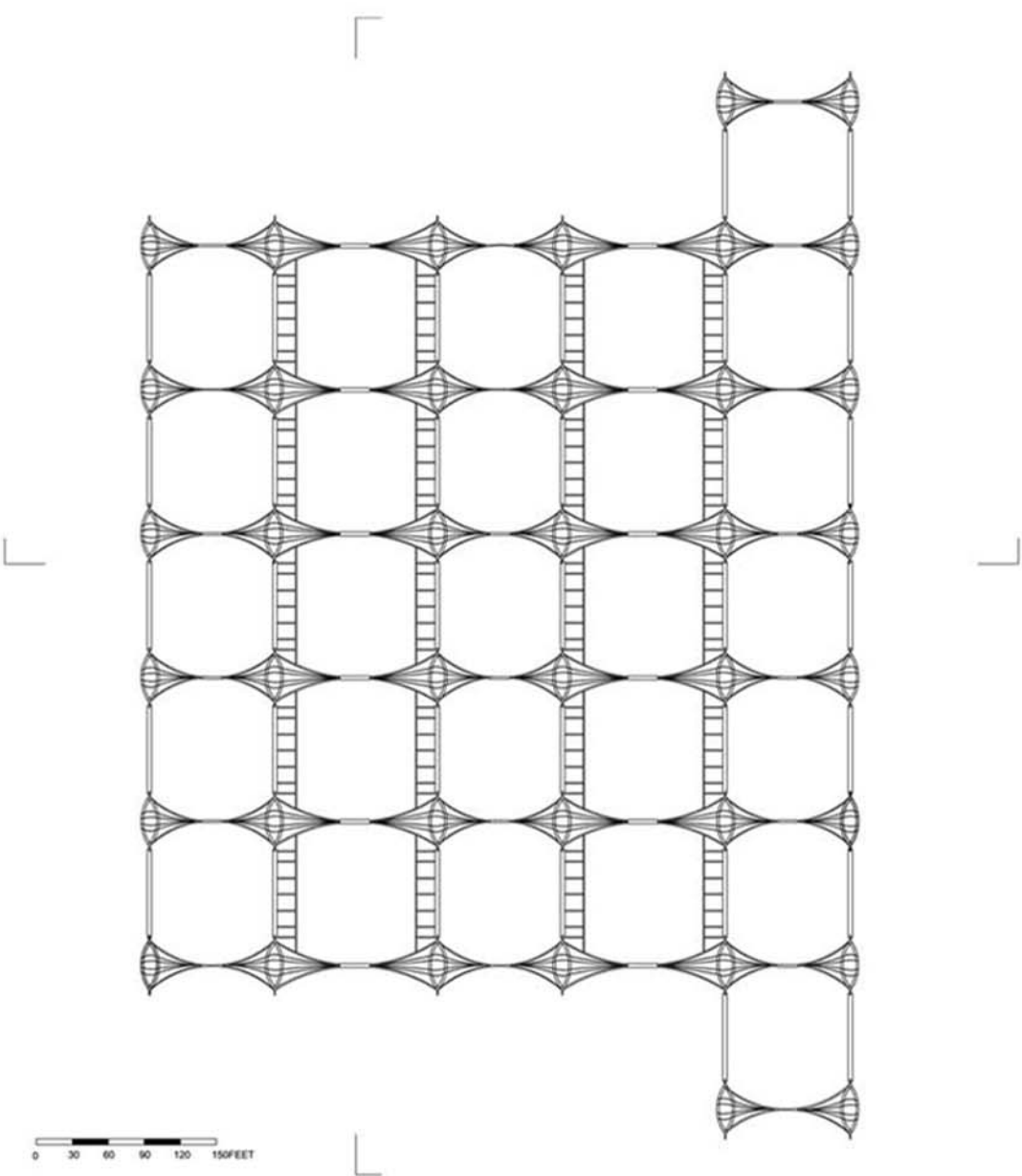
The Plan Of The Main Structure



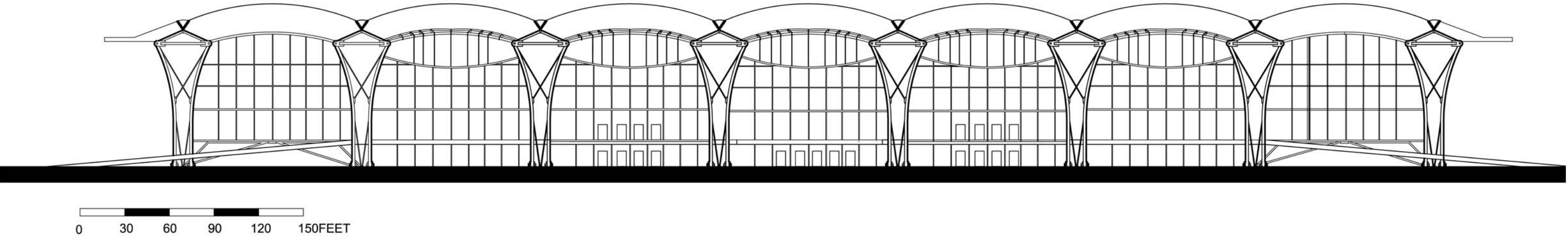
The Framming Plan Of Secondary System



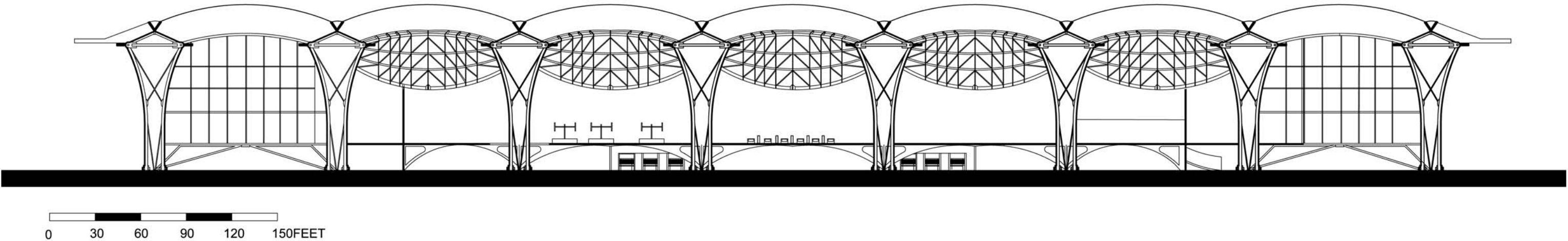
The Roof Plan



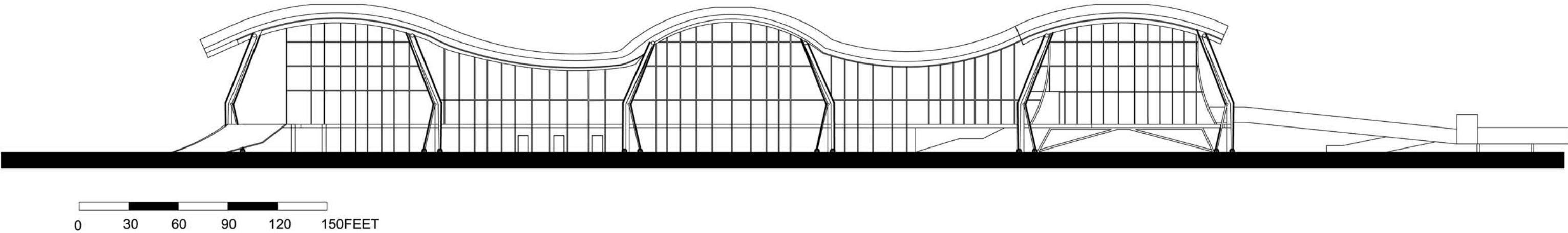
The West Elevation



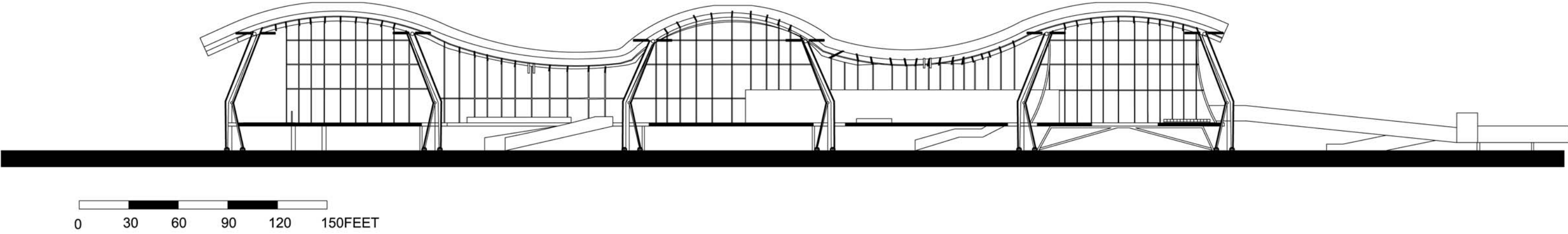
The Long Section



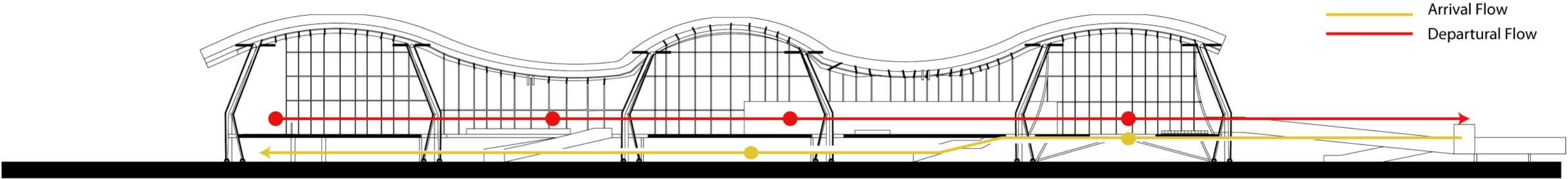
The South Elevation



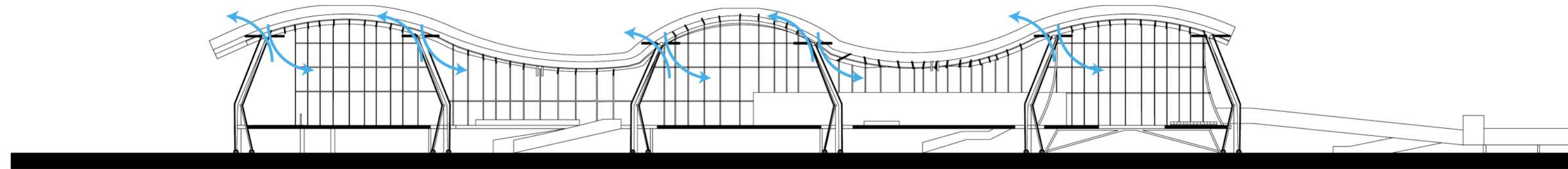
The Short Section



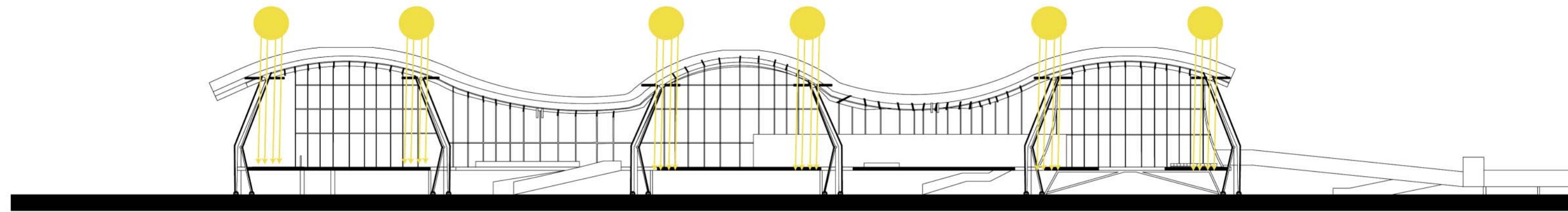
Passenger Flow

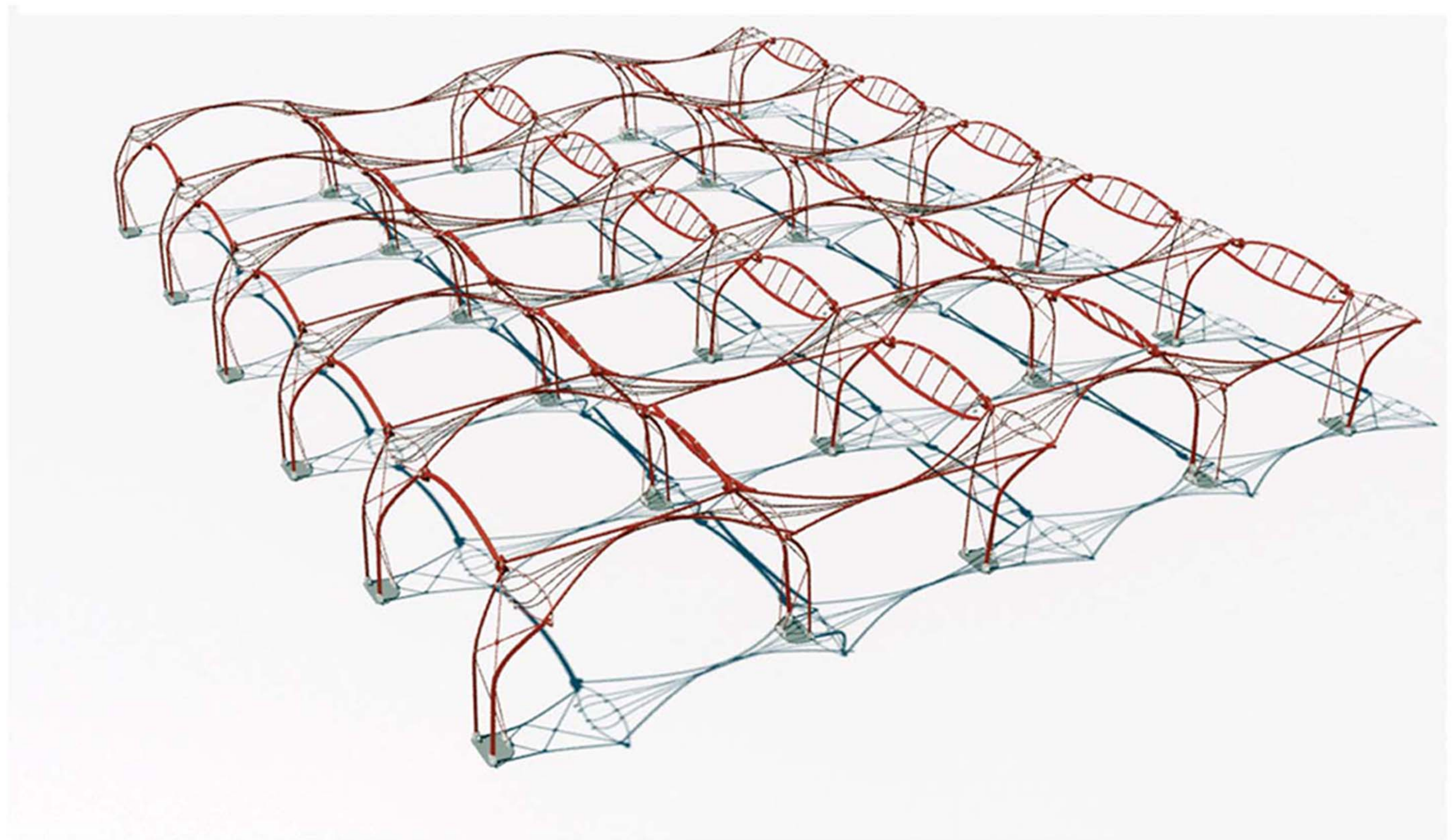


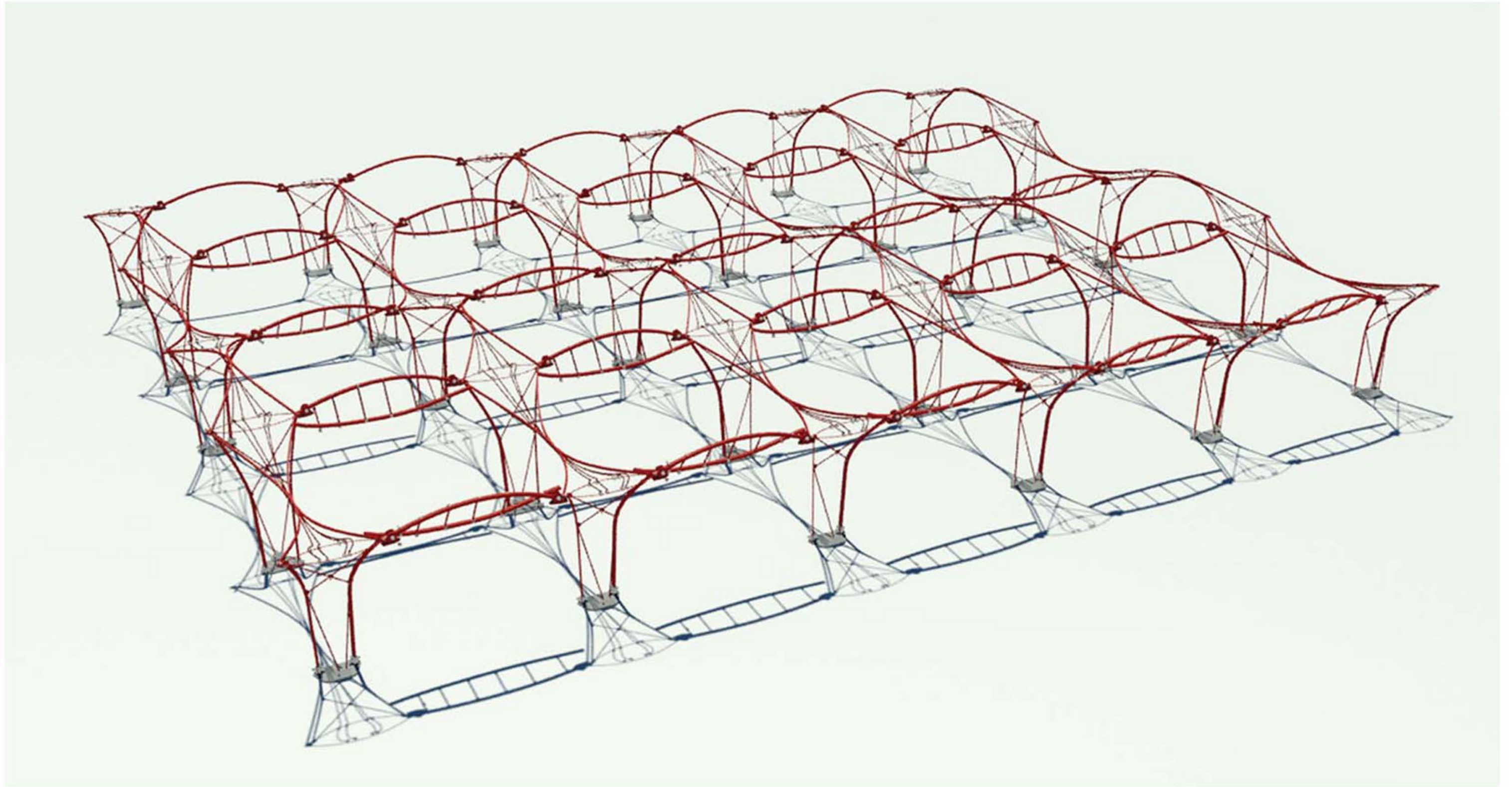
Air Flow

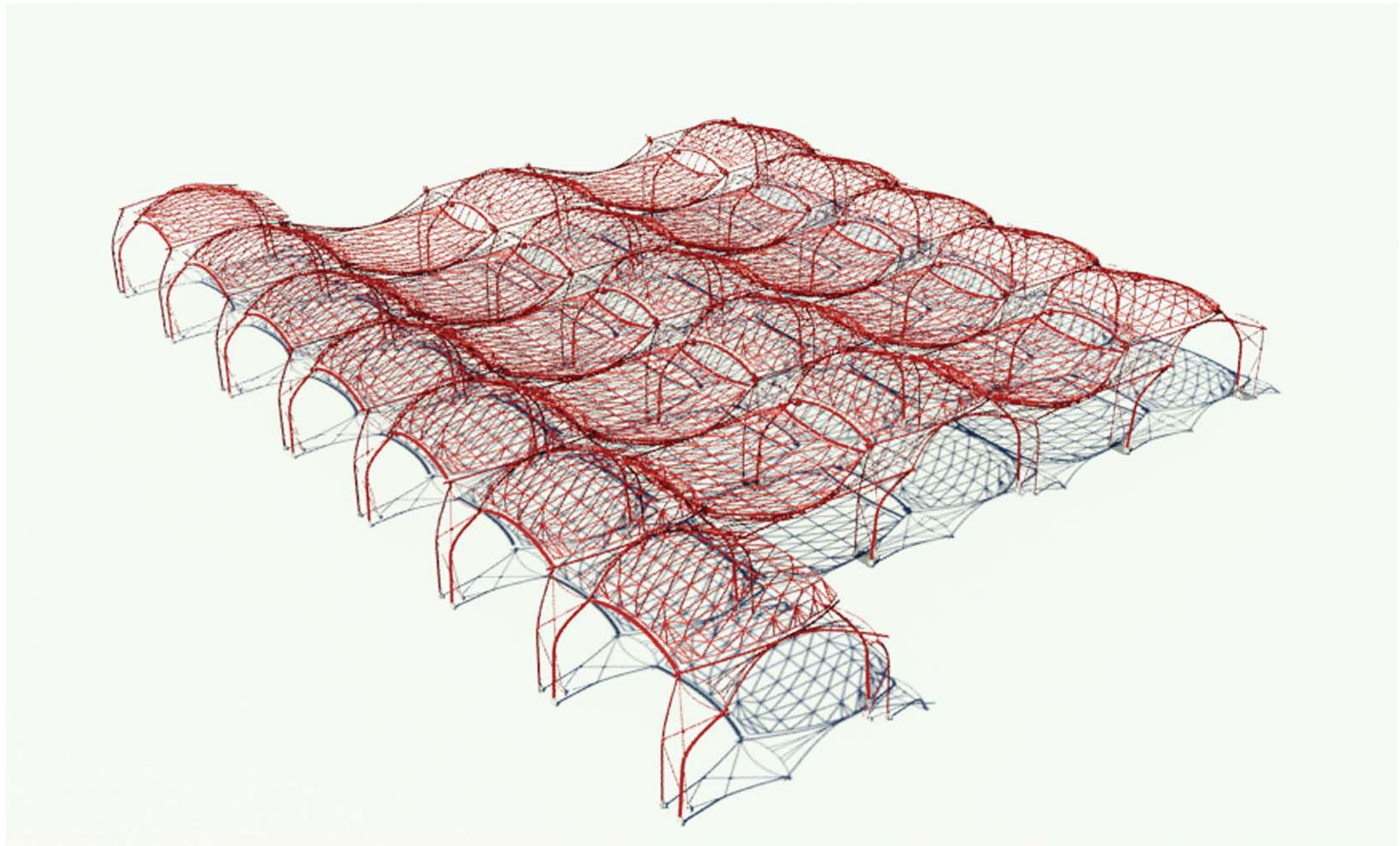


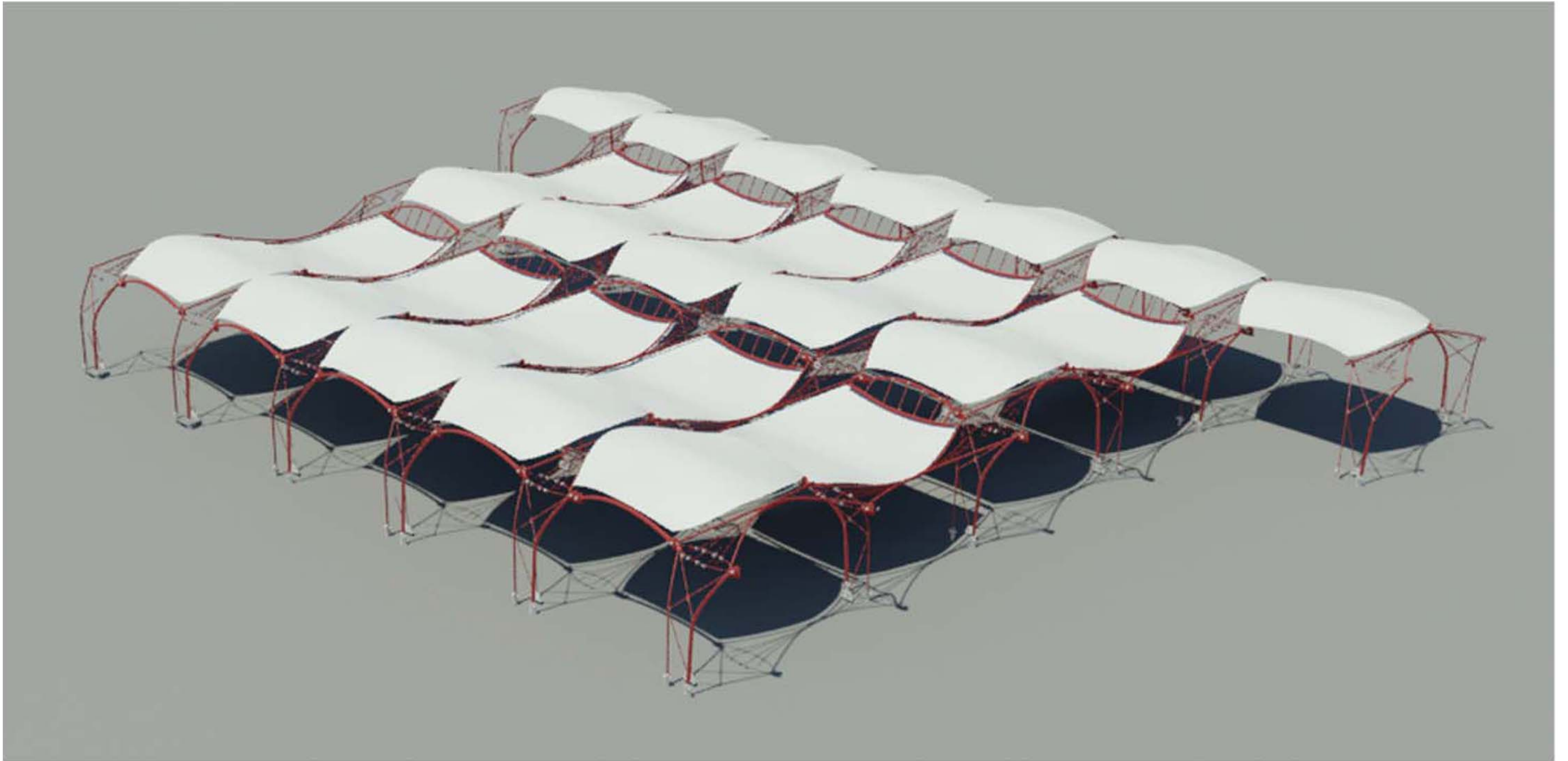
Sun Flow

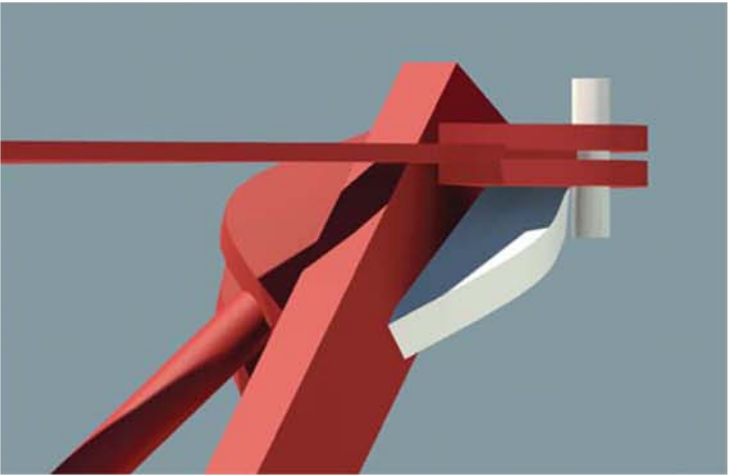
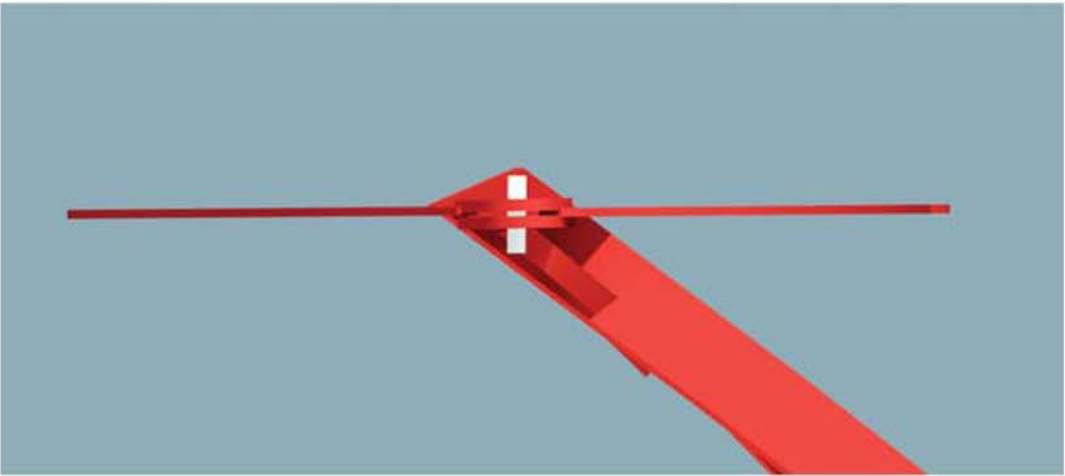
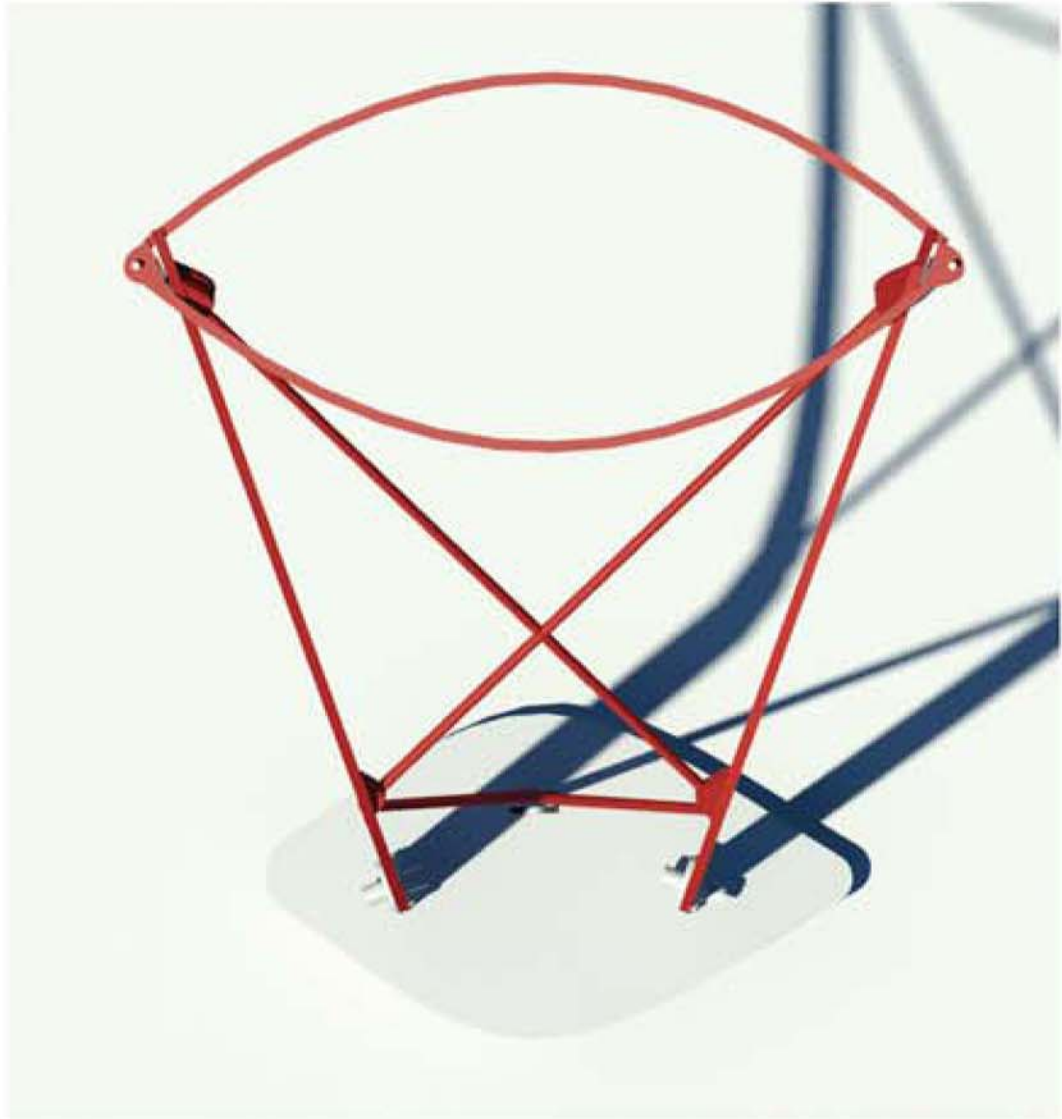
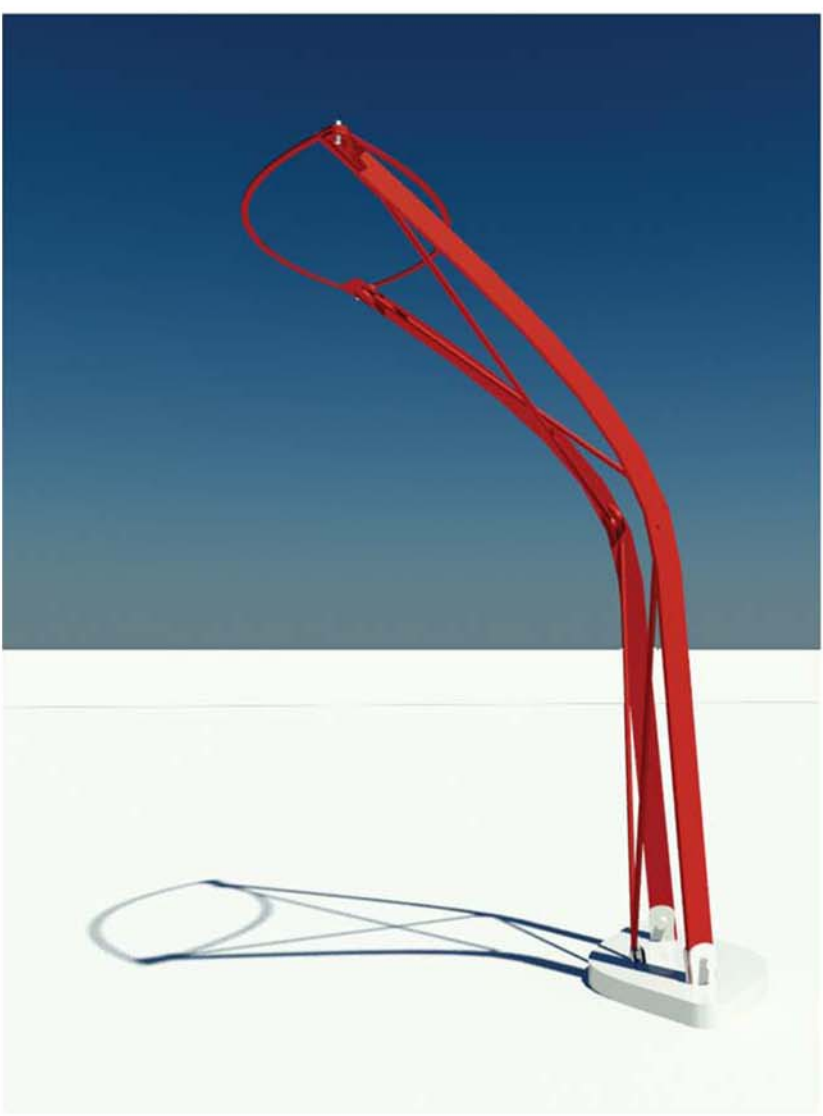
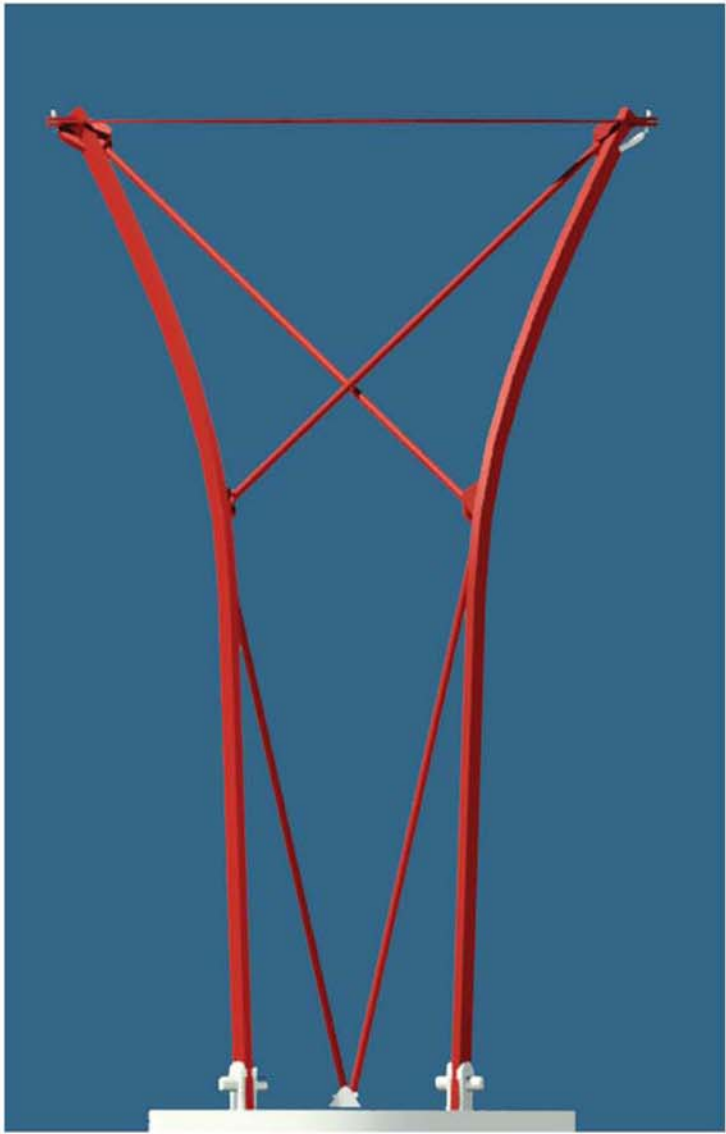


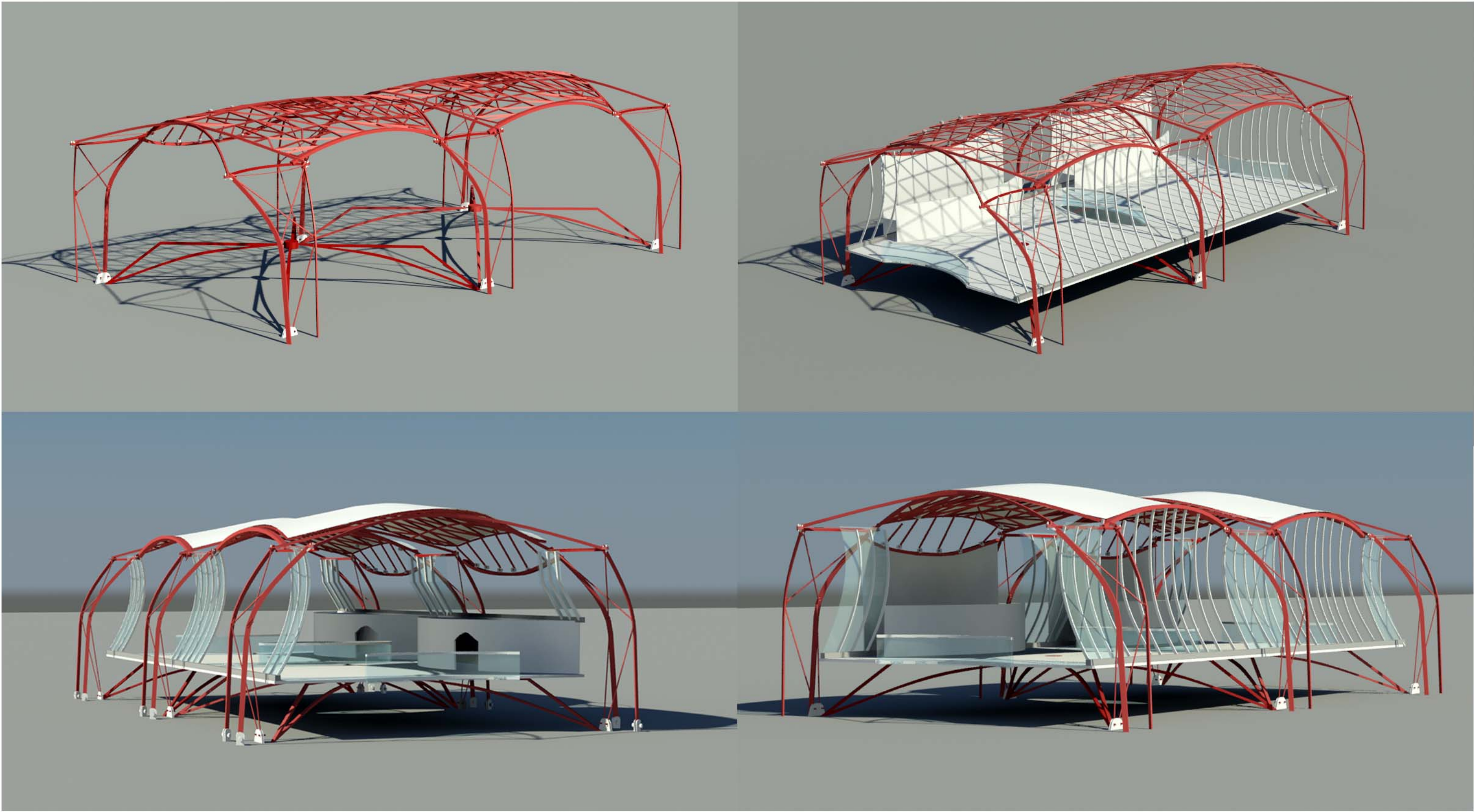


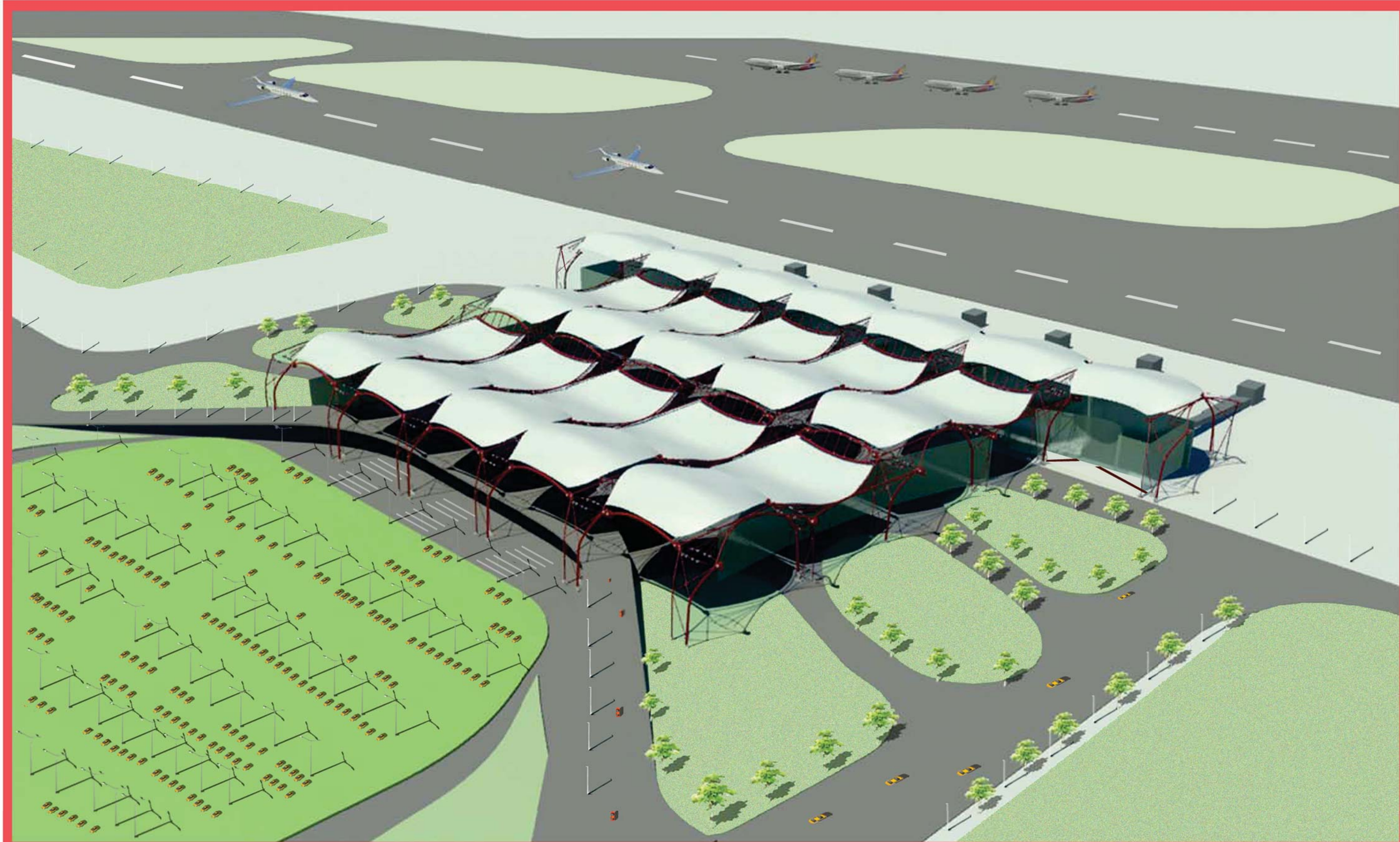


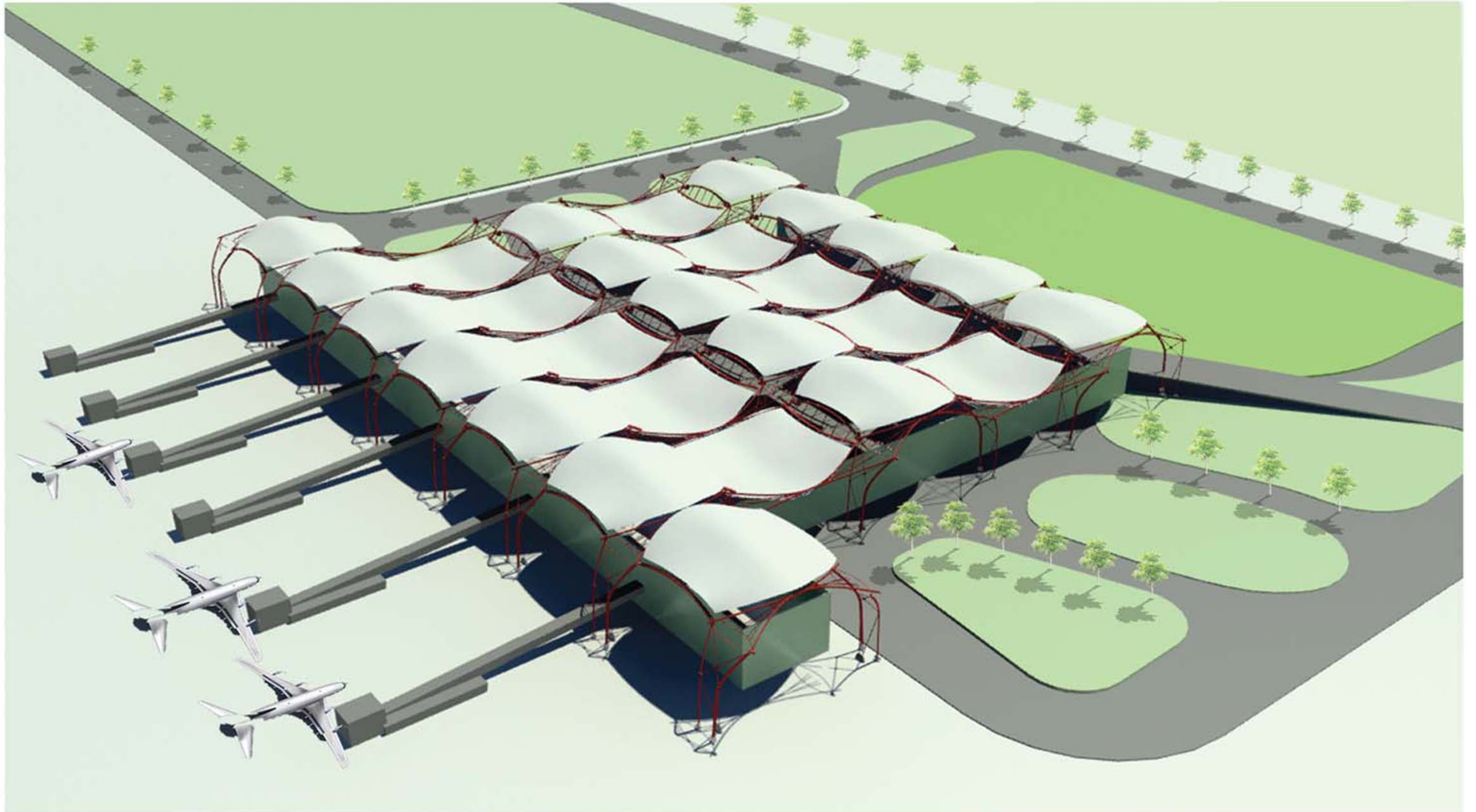




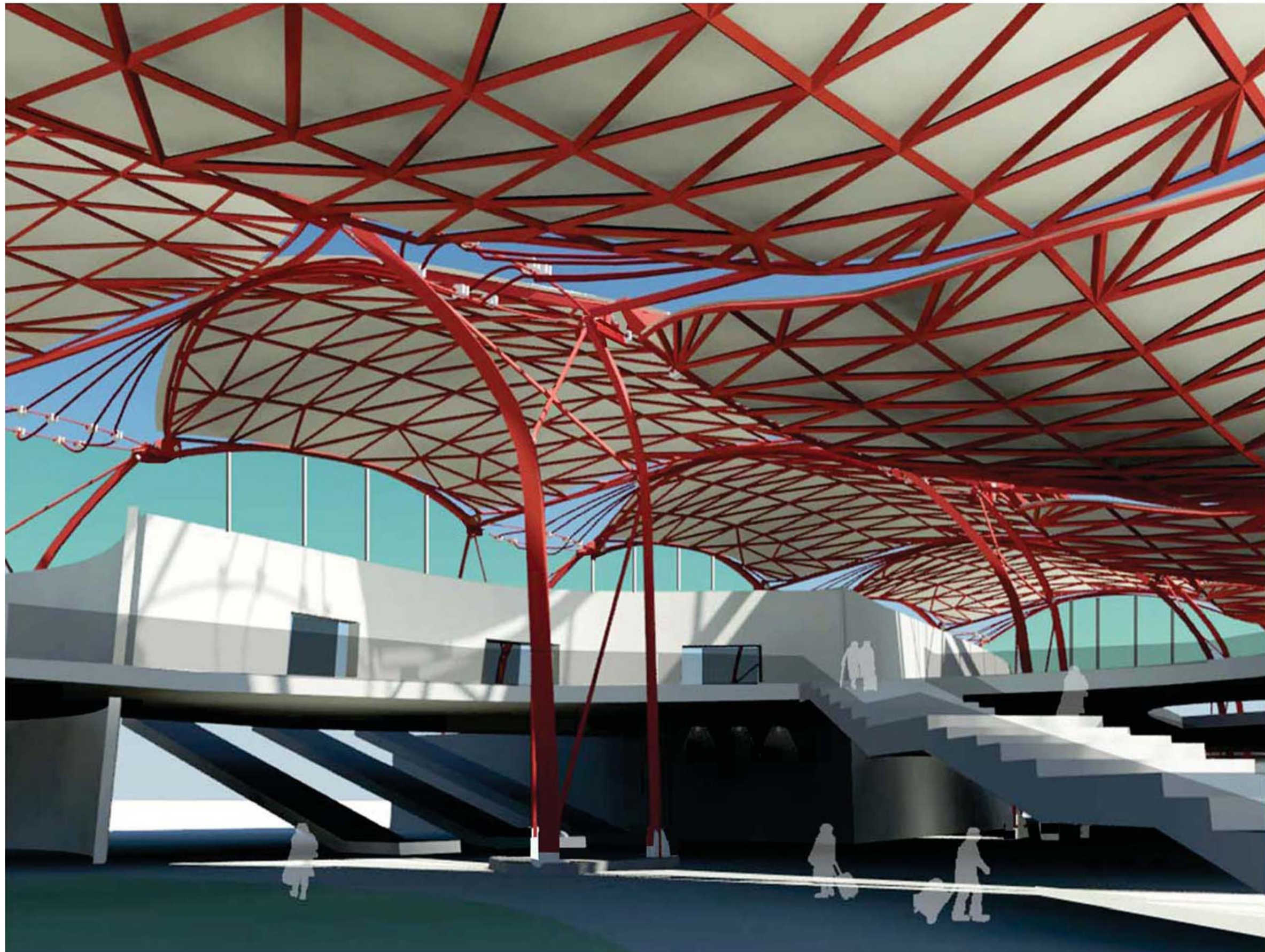


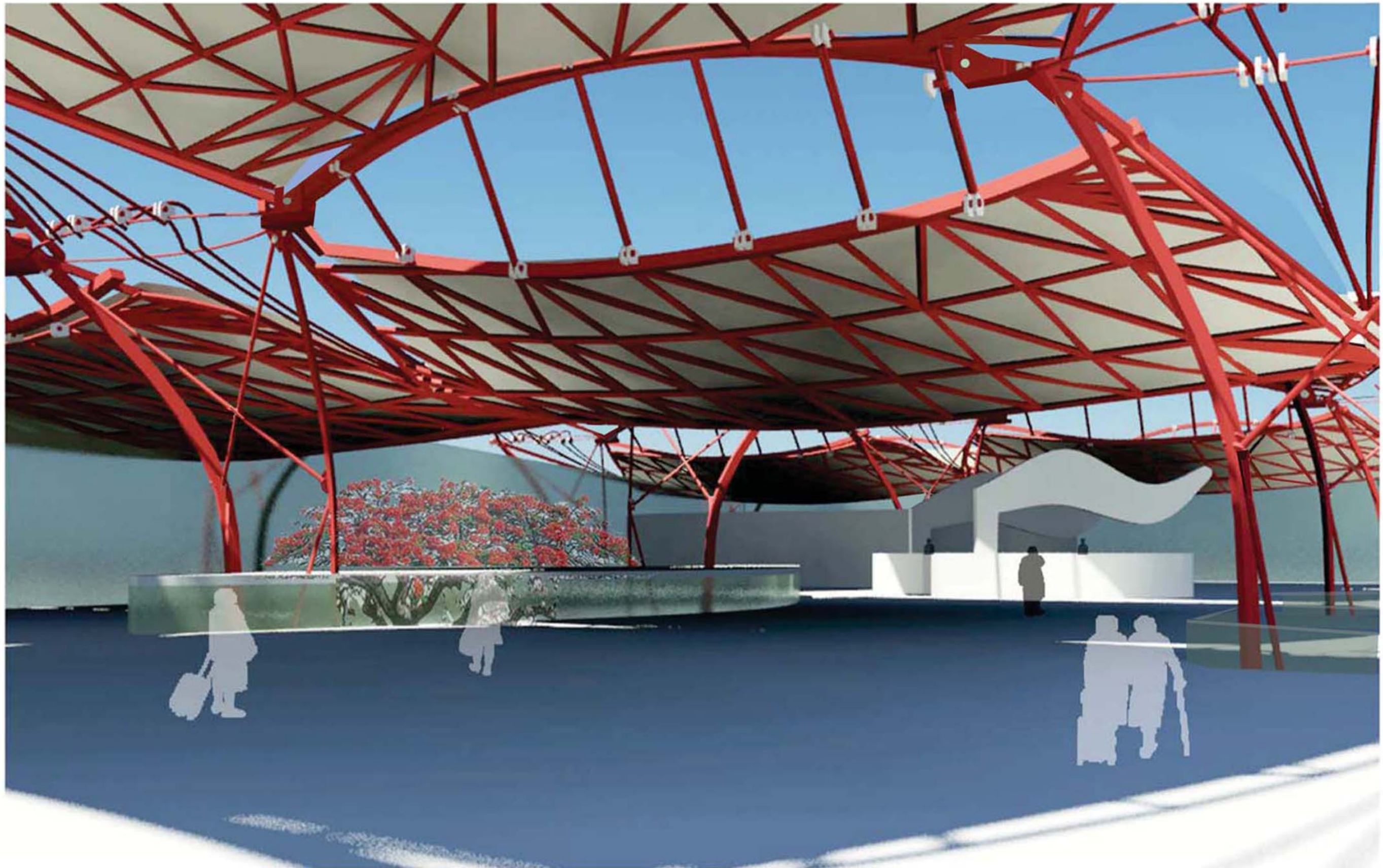














The Source of photos For the Sections Of Design Concept and locate Site

1. [www.chinahights.com/guangzhou/ weather.htm](http://www.chinahights.com/guangzhou/weather.htm)
2. [www.travelchinaguide .com](http://www.travelchinaguide.com)
3. www.en.wikipedia.org/wiki/Guangzhou
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