**2022 国际大学生建筑设计与数字建模竞赛**

**数字化建筑设计方向竞赛任务书**

**一、设计要求**

1、参赛者需选择一处位于铁路边的城镇或村落，为其设计一座铁路客运站房；

2、所选场地及其现状条件必须是真实存在的；

3、铁路客运站房必须具备旅客服务、购票、候车、进出站、配套服务（如站务办公、卫生间等）等功能及其相关空间，功能空间组合或共用方式不限，但需符合车站运行逻辑和规则；

4、铁路客运站房除客运功能外，需适当考虑并响应当地对社会、经济、文化等方面的需求。以此为基础，参赛者需对铁路客运站房及其周边的城镇或村落提出提升策略，并进行相应的城市设计；

5、铁路站房等级为四等站（中国《铁路车站等级核定办法》，见文末尾注），建筑规模为3000-4000㎡左右，可根据需求做适当调整，并做相应说明；

6、铁路客运站房设计只需考虑与铁路的贴建或穿越关系，铁路交通规划及运行不在本竞赛考量范围。

1. **作品要求**

1、提交图纸：总平面图、平、立、剖面、透视图（图纸比例自定），及作者认为必要的表达设计理念和策略的分析或示意图；200字以内的中文或英文设计概念说明。

2、以上各图及设计说明均须安排在2张A1尺寸（841mm x 594mm）、竖构图的图纸之内，图面表现方法不限。

**\*注：**根据《铁路车站等级核定办法》规定划分的、办理客运或货运、货物列车解编技术作业的综合业务的车站，具备下列三项条件中两项及以上者为三等站：

- 日均上下车及换乘旅客2000人以上，并办理到发及中转行包在100件以上。

- 日均装卸车在50辆以上。

- 日均办理有调作业车在500辆以上。

**2022 Belt and Road International Student Competition on Architectural Design and Digital Modelling**

**Competition Guidelines**

**(Category A: Digital Architectural Design)**

1. **Design requirements**
2. You shall choose a town or village near a railway, and design a railway station building.
3. Your design shall be based on a real-life site and its current conditions.
4. The design shall include the following spaces to fulfill the respective functions: passenger service, tickets counter, waiting area, entrance and exit and supporting services (station affairs offices, bathrooms, etc.). The combination or integration mode of the functional spaces is at your discretion, but make sure it complies with the logic and rules of railway station operation.

4. Besides the passenger transportation function, you shall also fully consider the local social, economic, and cultural needs. You shall propose strategies to improve the passenger station building and its surrounding city, town or village, and make a corresponding design.

5. The railway station building shall be designed as Class-4 (see *China Railway Station Classification Method* in the notes below). The area of the building shall be in the range of 3,000 to 4,000 m2, which can be properly adjusted to meet your needs and shall be explained accordingly.

6. You will only need to consider the station building’s location in relation to the railway, adjacent or passing through. Factors related to the traffic plan and railway running shall not to be evaluated in the competition.

**Ⅱ. Entry requirements**

1. Submit the following drawings: a floor plan, elevations, plans & sections, perspectives drawn to scale, and additional drawings that you find necessary to demonstrate the design philosophy and strategy; a 200-word project concept description in Chinese or English.

2. The above drawings and design instructions shall be presented in 2 drawings with A1 size (841mm x 594mm) and in vertical composition. There is no limit to the representation method of the drawings.

**\* Notes:** As *China Railway Station Classification Method* states, comprehensive railway stations that involve passenger transport, goods transport or goods train break-up and formation operations and meet at least two of the following three requirements are perceived as Class-3 station:

- Daily passengers who board, get off the trains and transfer at the station being 2000 or above, and luggage and packages that are delivered or transferred being 100 pieces or above;

- Daily loading and unloading 50 trains or above;

- Daily engaged in shunting operation for 500 trains or above.