Brief: In June 2020, to prevent and control the negative impact on the health of urban residents caused by public health emergencies such as the COVID-19 epidemic, Wuhan Municipal Government gave an urgent instruction to build four large general hospitals within one year that can hold more than 1,000 beds and suit both ordinary and epidemic situations. Huangpi District People's Hospital (Central Branch), as the one with the largest building area among proposed hospitals, has important demonstration significance. It takes only one year for the design to be drafted and put into use, posing a great challenge to the ability of the design team. Currently, the project has come to the final stage of construction. The most noteworthy feature of the project is that it can serve as a general hospital with complete functions at ordinary times, and in case of an epidemic, all beds can be quickly transformed for emergency use and meet the requirements of the infectious disease hospital. A “switchover zone” for health workers is interlinked into the standard floor of the isolation building, realizing the ordinary-epidemic transformation by changing the opening modes of doors in this switchover zone. After transformation, the flow lines of residents can form the layout of “three zones and dual passages”.

HUANGPI DISTRICT PEOPLE'S HOSPITAL (CENTRAL BRANCH) PROJECT, WUHAN
Large-scale Comprehensive Hospital Design for both Ordinary and Epidemic Situations in Post-Pandemic Era

- Architect: Central South Architectural Design Institute Co., Ltd./C3A2D, China
- Project Location: Wuhan, China
- Design Time: July, 2020
- Construction Status: Under Construction (expected to be finished in July, 2021)
- Total Site Area: 444,024 m²
- Total Building Area: 246,233 m²
- Number of Beds: 1,200 Beds
HUANGPI DISTRICT PEOPLE'S HOSPITAL (CENTRAL BRANCH) PROJECT, WUHAN

Large-scale Comprehensive Hospital Design suiting both Ordinary and Epidemic Situations in Post-Pandemic Era
HUANGPI DISTRICT PEOPLE'S HOSPITAL (CENTRAL BRANCH) PROJECT, WUHAN

Large-scale Comprehensive Hospital Design suiting both Ordinary and Epidemic Situations in Post-Pandemic Era

- "CONVERTIBLE BELT" (ORDINARY WARD MODE)
- "CONVERTIBLE BELT" (INFECTIOUS DISEASE WARD MODE)
- ORDINARY STATE
- L2 AND L3 RESPONSE STATE DURING EPIDEMIC
- L1 RESPONSE STATE DURING EPIDEMIC