

## **NEW CONTRIBUTIONS OF THE DISSERTATION**

**Topic: Architectural spatial organization of residential high-rise buildings in form of infill development in Hanoi historic inner city**

Major: Architecture – Code: 62.58.01.02

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### **SUMMARY OF NEW CONTRIBUTIONS OF THE DISSERTATION**

1. Assessing current situation of architectural spatial organization of residential high-rise buildings in form of infill development in Hanoi historic inner city; limitations, difficulties and unique conditions that affect the architectural spatial organization.

2. Systematizing scientific and theoretical basis on architectural spatial organization of residential high-rise buildings in form of infill development in Hanoi historic inner city. Supplementing, developing and selectively inheriting scientific theoretical foundation, practice and new viewpoints, principles about Architectural spatial organization of residential high-rise buildings in form of infill development in Hanoi historic inner city with the assurance of sustainable development; associating national cultural identity in architecture and urban morphology, renovating urban utilities; connecting with TOD, underground system, etc.

3. Recognizing architectural morphology and zoning areas with capable infill development of residential high-rise buildings; Identifying the area scope, boundaries of Hanoi historic inner city to develop residential high-rise buildings.

4. Identifying viewpoints and principles for architectural spatial organization of residential high-rise buildings in form of infill development in Hanoi historic inner city in the orientation of sustainable development.

5. Building criteria for architectural spatial organization of residential high-rise buildings in form of infill development in Hanoi historic inner city. Proposing to add and perfecting a number of relevant standards and norms that are new studies on specific for urban authority to permit and investors to make and implement their

projects as prescribed by law.

6. Proposing model for architectural spatial organization of residential high-rise buildings in form of infill development in Hanoi historic inner city.

7. Proposing solutions to architectural spatial organization of residential high-rise buildings in form of infill development in Hanoi historic inner city including sustainable adaptive planning solutions, Architectural solutions groups; Solutions of architectural spatial organization associated with national cultural identity; Organization, renovation and management of architectural space and landscape spaces of construction streets.

**Researcher**

**Ho Chi Quang**