

Palace Building

Cung Điện

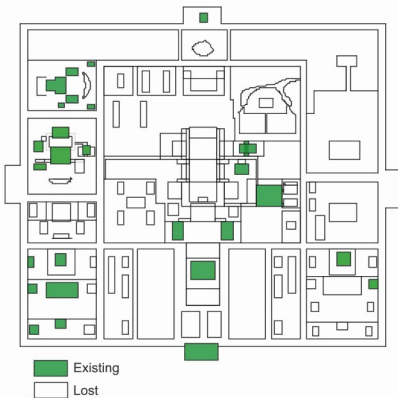


Fig. 1 Location of the Imperial City



Fig. 2 Detail of thua luu, Long An Dien

❖ Purpose of the research

In Nguyen Dynasty many palaces were built within or outside of the imperial city. Some are still in existence while others have been destroyed due to war, natural disasters and superannuation.

The purpose of this research is to clarify the design method and total concepts of planning in order to establish the restoration methods to be used.

❖ Research method

Our research is based on data gained from measurement surveys and references from historical records. In our study process we make detailed technical drawings, estimation on scale units, analyzes design methods used, etc.

Since 1994, we have been using an electronic distance meter, for measuring distances, levels and angles, which produces accurate numerical values.

❖ Results from the research

Accordingly, from previous researches done, many things have been made known and understood, for example: there are actually 2 units of scales for designing buildings: One, (=424mm called “官木尺” thuoc moc) is often used for designs of the Royal Palace; Two, (=384mm called “鲁班尺” thour ro ban) which is often used for reading omens – good or bad.

❖ Future work

Recently, the Hue Monuments Complex were registered in the UNESCO list of World Cultural Heritage and thus began the Vietnamese government's understanding and movement to restore this monument to its previous grandeur.

With this background, it is imperative for both the Vietnamese and the Japanese involved in this project to respect each other's differences and find the common ground for cooperation towards authenticity of the monuments' conservation.

延寿宫 Điện Thọ Điện	太和殿 Thái Hòa Điện	隆安殿 Long An Điện
世祖廟 Thế Tổ Miếu	乾成殿 Càn Thành Điện	肇祖廟 Triệu Tổ Miếu



表2 皇城内連棟式建築桁柱間表 (1尺=424mm)

	連棟尺	右三間	右二間	右一間	中	左一間	左二間	左三間	右四間	右五間	右六間	左六	左五間	總間					
太和殿	424	8.59	9.14	-	-	12.39	12.40	13.07	12.40	12.37	-	-	9.23	8.61	98.20				
勤政殿	424	5.90	8.40	-	-	11.54	11.60	11.50	12.47	11.52	11.49	11.47	-	8.40	5.90	110.19			
乾成殿	424	8.84	11.66	-	-	11.69	11.61	11.71	12.56	11.66	11.69	11.64	-	11.67	8.87	123.60			
肇先殿	424	7.69	8.09	-	-	10.07	10.05	10.02	10.08	10.42	10.01	10.09	10.02	10.08	-	8.05	7.70	122.36	
延壽堂正殿	424	6.40	8.22	-	-	10.00	10.12	10.00	10.04	10.15	-	-	-	-	8.18	6.39	79.50		
太祖廟	424	8.26	8.23	9.93	10.11	9.94	9.99	10.01	10.02	10.67	10.01	10.00	9.99	10.03	10.01	10.01	8.29	8.35	163.85
世祖廟	427	8.36	8.32	-	-	10.00	10.04	9.99	10.05	10.68	10.03	10.04	9.98	10.02	-	-	8.31	8.27	124.10
肇祖廟	424	6.17	6.99	-	-	-	-	-	-	8.32	9.03	8.33	-	-	-	-	6.94	6.16	51.94
興祖廟	424	4.91	5.51	-	-	-	-	-	-	7.28	7.46	7.29	-	-	-	-	5.56	4.75	42.77
隆安殿	424	7.28	9.05	-	-	-	-	-	-	9.47	9.52	10.80	9.56	9.51	-	-	8.98	7.36	81.53
文廟	424	-	9.16	-	-	-	-	-	-	11.11	11.06	11.13	11.01	11.08	-	-	9.16	-	73.70

Table 1 Ridge direction of royal palaces in the Imperial City