Wat Rat Pradit Sathit Maha Sima Ram is Ratchaworawihan type. The temple is Royal Monastery of the reign of King Rama IV was built by ancient traditions. The Phra Vihara Luang was constructed on a high base and was beautifully decorated. In the temple, there are eight stone pillars, each surmounted by a carving of the Buddhist Wheel of Law (Dhammachak), one for each of the eight directions, hence the name “Mahasimaram”. The event was a celebration occasion of the 150th anniversary to commemorate King Rama IV, and was considered an important work in the past 150 years. The temple will be opened for the public to pay close respect to the sacred Buddha inside Wat Maha Sima Ram for the prosperity of life. The design concept derived from the color palette of the internal architecture, which includes celerean blue, emerald green, and red.

Art and culture of the reign of King Rama IV was represented by applying the structure of the tower as a square shape roof top.