Asymptotic symmetries shed new light on infrared properties of various quantum field theories (QFTs) such as Weinberg’s soft theorem, memory effect and cancellation of infrared divergence (Strominger et al., 13~18). Motivated by the recent progresses, we reconsider several well-known infrared properties of primordial perturbations generated during inflation, which are crucial in discussing the large scale evolution of cosmological perturbations. This study promotes us to a systematic classification of general inflation models, providing a new insight on inflation. We also clarify the similarities and differences between the IR properties for QFTs in asymptotically flat spacetimes and those for QFTs in inflationary spacetime.