A Racetrack Lattice for DIAMOND, J.A. CLARKE, H.L. OWEN and S.L. SMITH , CLRC Daresbury Laboratory, Warrington WA4 4AD, UK - DIAMOND is a proposed 3rd generation 3 GeV synchrotron radiation source for the UK. Flexibility in the lattice is provided by alternating high and low radial beta insertion straights and also by the inclusion of two superlong straights of about 20m free space. This paper presents the details of the lattice and also covers other issues such as closed orbit correction, matching of the racetrack straights and inclusion of superconducting dipoles.