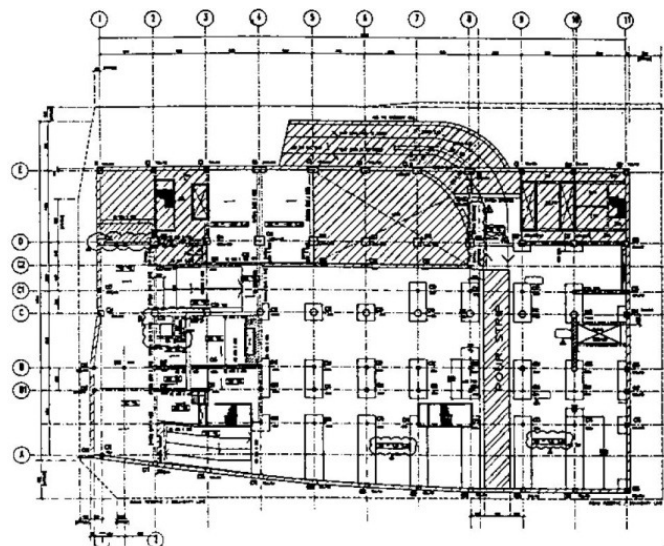


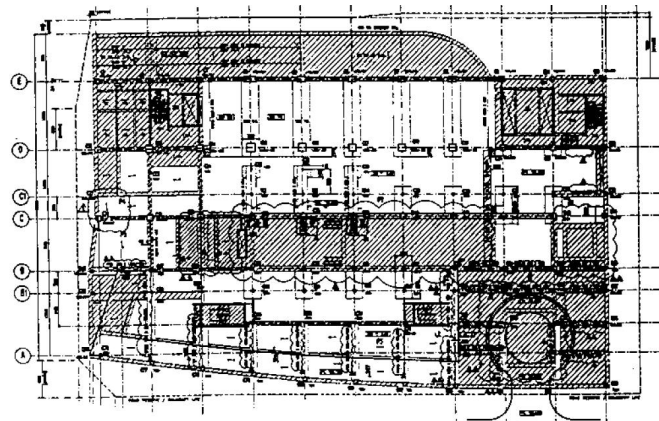
Proposed erection of a 16-storey office extension building with 2 basement car park (phase II) and conversion of 4th & 5th storey office to car parks at the existing 10-storey URA building, Singapore

Works undertaken:

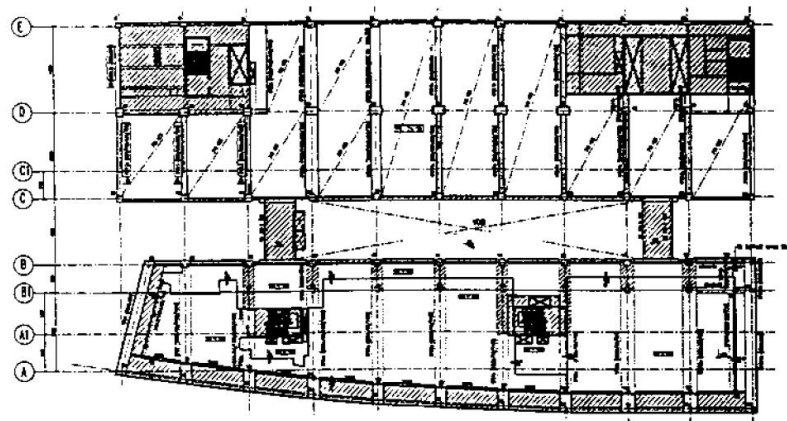
-  Concept design for the whole project
-  Detailed design for the structural works
-  Design the post-tensioned raft foundations
-  Detail study of the subsidence of the raft foundation
-  Detail finite element analysis of the raft foundation
-  Detailed study of the long term effects of the foundation to the surrounding infrastructures
-  Detailed design of the post-tensioned slabs and beams
-  Design the prestressing hollow-core slabs
-  Accommodating all the services
-  Produce construction shop drawings
-  Supervision for the post-tensioning construction
-  Detailed design for the large span transfer beams, and supervision its construction



Basement



First storey (Ground Floor)



5th Storey (Typical Storey)



Photo of the New URA HQ Building