

ABSTRACT



162162

CONSTRUCTION SYSTEM

5 The present invention relates to a construction system for a multi-storey
building 10. The construction system includes a method of casting in situ a
reinforced concrete perimeter wall 11 and providing precast internal load bearing
members including precast reinforced concrete column units 16 and precast
concrete beams 20. The individual floor structures 15 of the building are formed
10 by locating the concrete columns within the perimeter wall and supporting the
beams on the concrete columns and or the cast perimeter wall, and casting in situ
a concrete slab over the beams to form the individual floor structures of the
building. The invention also relates to a novel precast concrete column and an
improved method of making a structural joint between a precast column and
15 beam.



G00002

Figure 1