

This Sheet Has Been Replaced



ABSTRACT

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 14 and precast concrete beams 20. The individual floor structures 15 of the building are formed 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 beam.

Figure 1