

A METHOD FOR CONSTRUCTING A MODULAR WALL USING MODULAR WALL PANELS

ABSTRACT OF THE DISCLOSURE

5 A method of constructing modular wall using a structural connection system (MSC) having beams and columns structure or framework is disclosed. The method comprises the steps of:

- (i) arranging an external (12) and internal wall panels (22), each of the wall panel (12, 22) having an internal and an external face portion, lateral edges, and a plurality of holes (44) being formed on the lateral edge of the panels (12, 22), wherein the internal face portion of each of the modular wall panels faces each other;
- 10 (ii) inserting a locking mechanism (45) through the holes (44) on each of the modular wall panels (12, 22) for strength and stability of the modular wall panel;
- (iii) reinforcing using RC slabs to act as a ceiling and flooring for the upper deck of a floor of a building structure, whereby the beams and column structure or framework is provided with a plurality of holes to enable a steel rod to be inserted through with the modular wall panels,
15 and a second steel rod is inserted into the beams and column structure or framework through the external modular wall panel.

(FIG. 1)