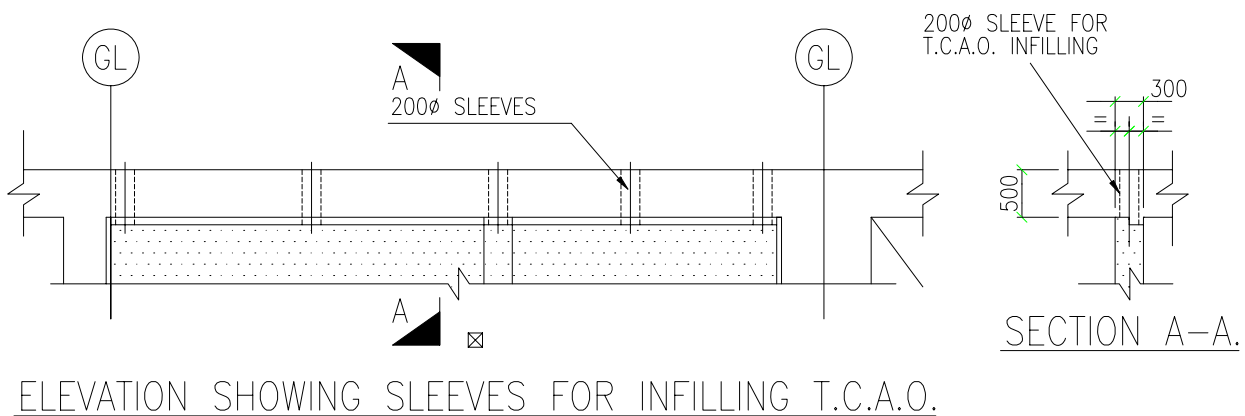


## Infilling of concrete walls below completed slabs

Where reinforced concrete walls have to be left out during the construction process to permit access/installation of equipment, there can be a problem in casting the wall up to the underside of the floor slab above. Operatives may have to work in cramped conditions with restricted headroom fixing reinforcement, fixing and striking shutters and placing concrete. Inevitably, poor compaction of concrete can result in associated unsatisfactory finish and the added need of making good the concrete.

A simple solution is to leave tubes cast into the full depth of the slab. Depending on the thickness of the wall, 200mm diameter plastic tubes at 1000mm centres will provide good access for concrete and give the necessary coverage. Temporary hole covers will be required to prevent dropping objects and tripping.

When the wall is to be infilled, it is poured conventionally to within 600mm of the slab soffit. The shutters are then stripped off and moved up to the underside of the slab and the top 600mm cast through the 200mm diameter tubes from the floor above.



### Benefits using this method include

- Significantly improved access for operatives
- Reduction in the risk of “white finger” injuries due to the elimination of percussive breaker tools to cut back any honeycombed concrete
- Time/cost savings.
- Elimination of dust and noise from the ‘making good’ activity.
- Reduction in restricted space working
- Improved quality of finished product

For further details contact Stewart Dunmore of Multi-Design at 0161-477-0766