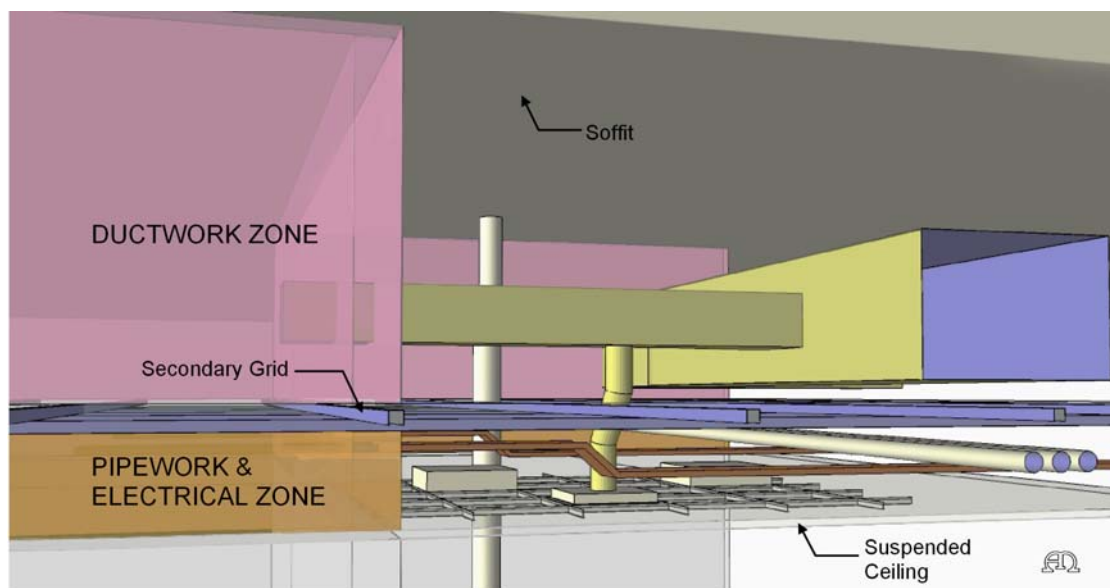


Secondary Grid to aid Co-ordination of Mech & Elec services within a ceiling void

Installation of a secondary grid of Unistrut at 1m grid where there was a high concentration of services. The general suspended ceiling level was 2.700 (2.400 in Corridors) and the level of the grid was set at 3.2m from FFL, below the ductwork zone, with a zone above ceiling level for electrical services. The grid was to be installed by the Mechanical Services Subcontractor, after installation of, and co-ordinated with, location of the main distribution ductwork.



Best Practice Bullet Points

- Pipework, electrical services and the suspended ceiling could be supported by/suspended from the secondary grid without the need to compete for space for hanger locations.
- Fixings for hangers for these trades did not have to be drilled/shot fired at a height of 5m from ffl, but could be twist fixed at a height of 3.2m.
- Co-ordination between trades could be improved, with a knock on to an improvement in safety performance.
- The prime occupier of the ceiling void, the Mechanical Services subcontractor, was made responsible for providing and co-ordinating, hanger locations for following trades.

Brendan Timlin / Derek Beasley – The Austin Company of UK Ltd
Tel: 01923 433241