



INTER-FLOOR CONNECTION STAIRS – CALIFORNIA FITNESS

The Clients requirement for an interconnecting stair between adjacent floors demanded the careful and controlled removal of approximately 10m² (app. 7.5 tones) of post tensioned structural floor slab.

The combination of surface scanning, investigative core drilling and Diamond Blade wall sawing allowed controlled demolition of the floor without undermining the structural integrity of the slab

“Surgical” removal of structural concrete allows Architects and Designers to install direct stair links between floors and create open areas in floor slabs, greatly enhancing the “usability” of available office space.



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DIAMOND CUTTING
TECHNOLOGY”**

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PROJECT DETAILS

Project Title

Stair Opening – California Fitness, Liberty Square

Client

California Fitness

Project Details

Full survey and location of existing post tension cables, installation of permanent steel support structure controlled demolition of 300mm thick floor slab

Completion Date

September 1999