

Prepare and plan the position of your conduit and wall box fittings to avoid costly alterations later.

Conduit for cable cold tails

Provide 20-25mm I.D. Conduit from floor level to wall box with draw wire facility

Multiple cables in a common zone will need additional 20-25mm conduits for their respective cold tails

Heat Mats – the same requirement applies for multiple heat mat installations.



Locate sensor probe conduit central between cable runs for accurate temperature control.

Conduit for probe sensors

Provide 10-12mm I.D. Conduit with sweep bend from floor to wall box or connection terminal to either of the following.

In-Slab Cables - to the 10-12mm conduit left protruding from the slab.

Ultra-Thin Cables – from wall box, down the wall or chase and then into a sweep bend across the floor 400mm (bathrooms) or 1 meter (living areas) chased into the floor to flush with the concrete or sub floor surface.

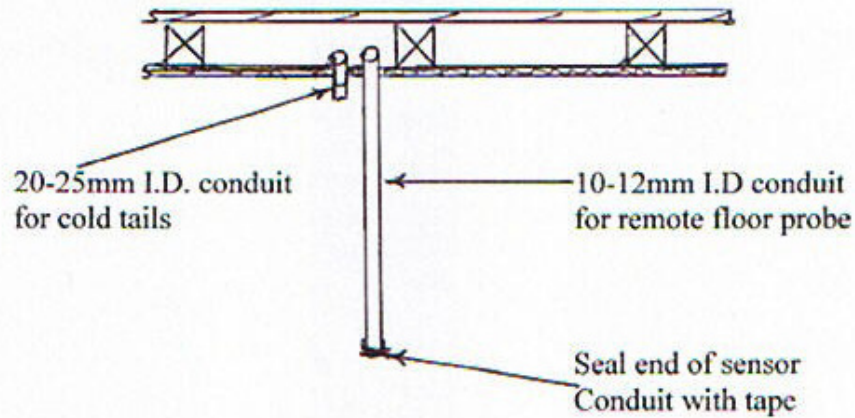
In Screed Cables – as above however, floor chase may be unnecessary where thick screeds are applied.

Carbon Film Timber Floors – from wall box, down the wall or chase and then into a sweep bend across the floor 400mm (bathrooms) or 1 meter (living areas) chased into the floor to flush with the concrete or sub floor surface.

General information for site electrician

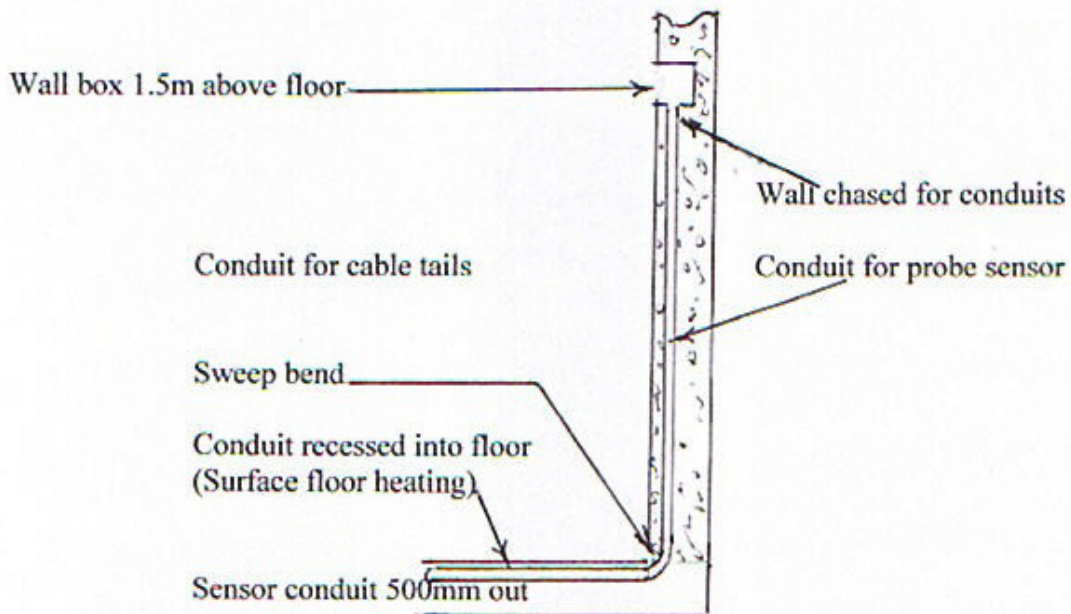
Please ensure conduits for floor probes are accessible to facilitate replacement of faulty probes in the future. A termination box will be required where probes are extended (max. 50meters) in their own conduit.

Safe-t-SLAB Conduit Installation (Top view stud wall)



Typical brick wall installation for bathrooms

(For Surface and In-Screed Cables)



Note: For in-slab cables, the conduits are positioned down in the slab.