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Easi-Safe

AWARD WINNING SAFETY SOLUTION FOR MANHOLE CONSTRUCTION

The client, consultant engineer, contractors and suppliers all have a duty to mitigate hazards on site whenever reasonably practicable. One such hazard identified is the risk of operatives falling through manhole openings particularly during the construction process and also in follow up maintenance work.

Working with partners Severn Trent Water, engineer Grontmij and contractor to the water sector, Morgan Est plc, FP McCann have designed a safety award winning solution. Easi-Safe is a temporary or permanent fall arrest system that allows for safe working around the manhole opening prior to the fitting of the ironwork. In the construction of a manhole, operatives often work unprotected from the opening at surface level when the final stages of completion occur. This includes the final brickwork up to the manhole frame and the mortar bedding of the frame itself.

With most standard cover slabs, the access point for man entry is open and it is left to the contractor to cover on site. In many site situations these openings remain for a number of days while gangs complete phases of work. Easi-Safe immediately addresses this problem. The future production of all standard access cover slabs will incorporate the optional protective grid which will remain in the slab even when the final D400 steel cover and frame are set in place at surface level.



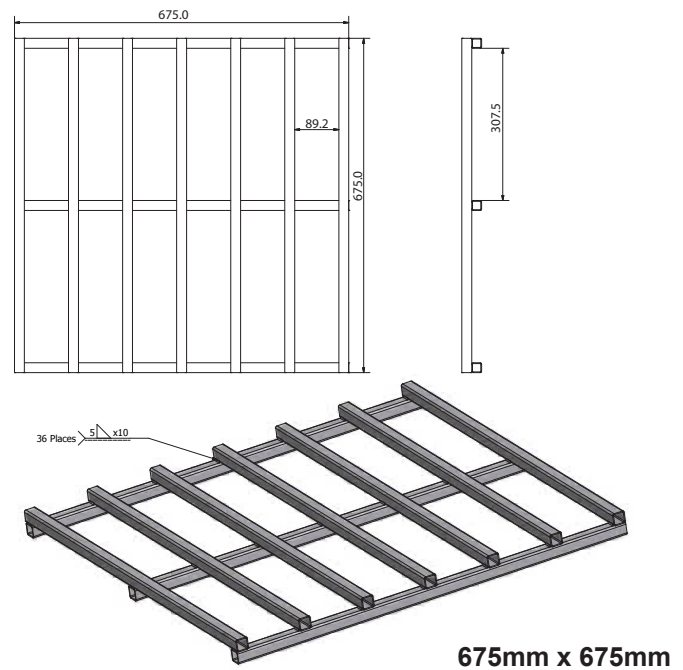
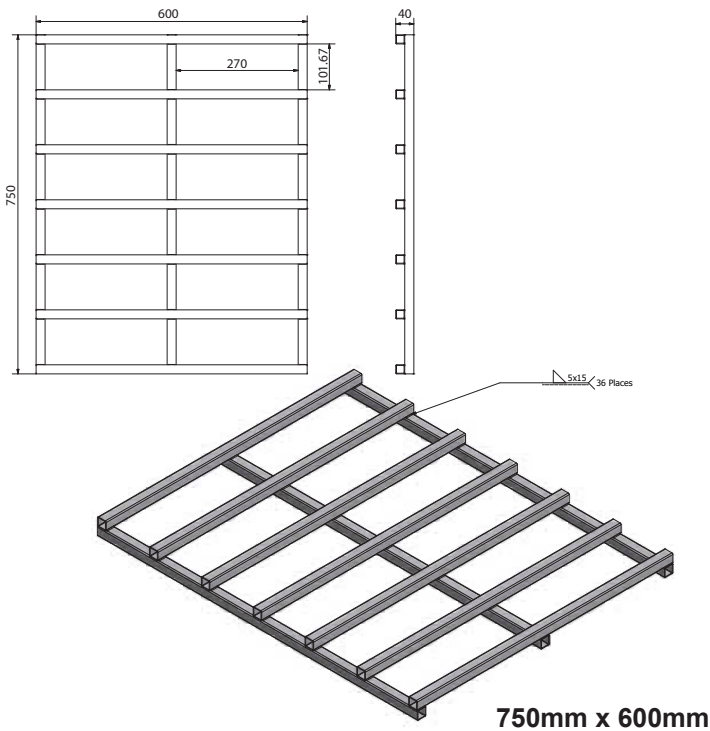
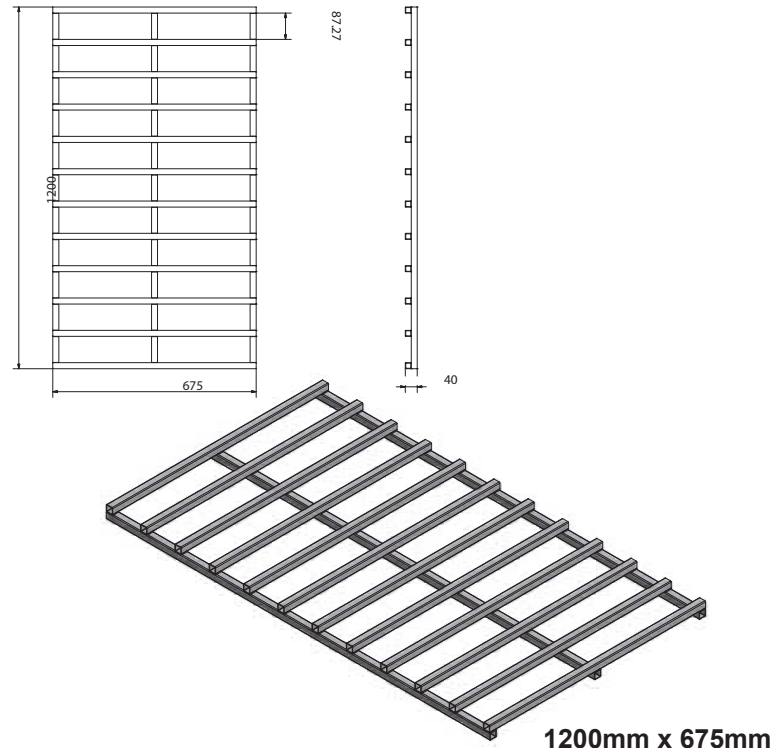
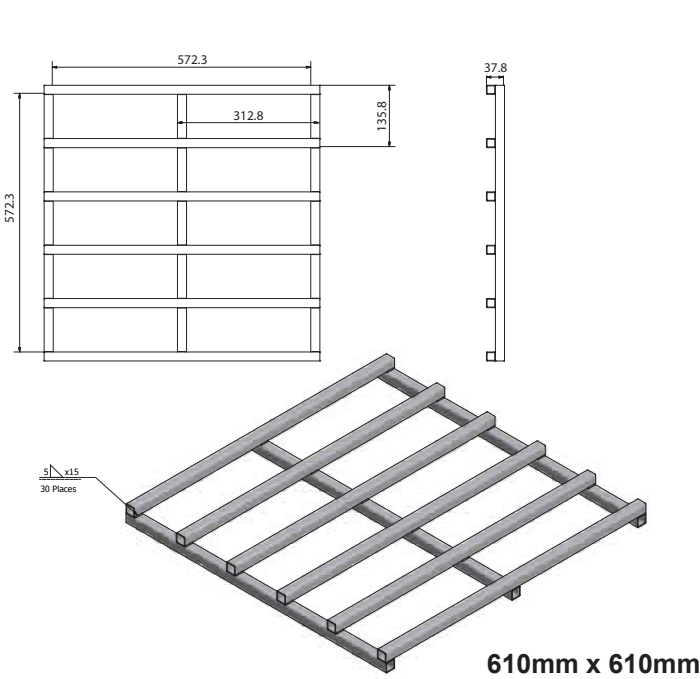
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Easi-Cast

The Easi-Safe grid is seated on load bearing corners precast into a standard range of manhole cover slabs. As a temporary fall arrest system, once the construction of the manhole is complete, the grid can be removed prior to the fitting of the ironwork. Alternatively, Easi-Safe can be a permanent fixture, left in place beneath the manhole lid. The spacing between the bars allows for ease of inspection and jetting of the manhole base during maintenance work.

The galvanised mild steel grid is available in four standard sizes:-
 610mm x 610mm
 675mm x 675mm
 750mm x 600mm
 1200mm x 675mm



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