BLIGH TANNER

Building Information Modelling Matrix

Note: the architect is responsible for the set out of all framing members aligned to architectural walls, cladding, windows and doors.	CONCEPT / SCHEMATIC DESIGN (LOD)	DESIGN DEVELOPMENT (LOD)	CONSTRUCTION DOCUMENTATION (LOD)
Shoring	100	200	300
Pad Footings, Core Rafts Piles and Pile Caps	200	300	300
Strip Footings	200	300	300
Columns	300	300	300
Concrete Floors	200	200	300
Floor Slab Penetrations >150mm	100	200	300
Floor Slab Falls	100	100	300
Topping Slabs	100	100	200
Ramps	100	200	300
Concrete Beams	200	300	300
Wet Area Rebates	200	300	300
Blockwork NLB and LB	200	300	300
Blockwork Door Openings	200	300	300
Concrete Wall Door Openings	200	300	300
Concrete Wall Openings (services)	200	300	300
Precast Wall Vertical Joints	100	300	300
Concrete Wall Rebates for Slabs and Beams	100	100	300
Concrete Wall Blockouts	100	100	300
Brickwork	200	300	300
Brickwork Steel Lintels	100	100	100
Concrete Reinforcement	100	100	100*
Stairs Concrete	100	200	300
Stair Landings (incl. mid height)	100	200	300
Stairs Steel	200	300	300
Steelwork Framing	200	300	300
Steel Columns	300	300	300
Steel Purlins and Girts	200	300	300
Steel Bridging	100	100	100
Steel Bracing	200	300	300
Steel Connections	100	100	100*
Steel stud wall Individual members	100	100	100*
Steelwork Miscellaneous	100	100	200

* Denotes Building elements that may be modelled to LOD 300/350 upon request.

Level of Development (LOD)

LOD 100

The Model Element may be graphically represented in the Model with a symbol or other generic representation but does not satisfy the requirements for LOD 200. Information related to the Model Element can be derived from other Model Elements.

LOD 200

The Model Element is graphically represented within the Model as a generic system, object, or assembly with approximate quantities, size, shape, location, and orientation. Non-graphic information may also be attached to the Model Element.

LOD 300

The Model Element is graphically represented within the Model as a specific system, object or assembly in terms of quantity, size, shape, location, and orientation. Non-graphic information is also to be attached to the Model Element.

LOD 350

The Model Element is graphically represented within the Model as a specific system, object, or assembly in terms of quantity, size, shape, orientation, and interfaces with other building systems. Non-graphic information may also be attached to the Model Element.
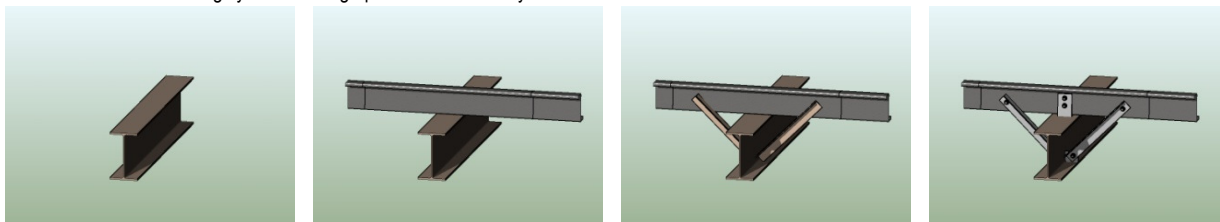
The LOD used relates to the BIM Forum Level of Development Specification Parts I & II - 2016