STANDARD SHOE DETAIL

Note: Slab reinforcement not shown
STEEL BEAM SUPPORT

NOTE: IF REQUIRED JOISTS CAN BE WELDED TO TOP FLANGE OF STEEL BEAM, 25mm OF 4mm FILLET WELD TO ONE SIDE OF JOIST SHOE.
MASONRY WALL SUPPORT

- Vertical Reinforcing
- D12 at 400 Extend 600mm into Slab. (25mm Cover)
- Header Block grouted to this level prior to placing of joists
- 25 MPa Concrete for 75 and 90 slab 665 Mesh
- Clear Distance between Supports (Order Length)
- 75mm seating typ

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SPEEDFLOOR STANDARD DETAILS
SD3
INTERNAL MASONRY WALL SUPPORT
(CONCRETE WALL SUPPORT SIMILAR)
SHELL BEAMS OR INSITU BEAMS SUPPORT
TIMBER WALL SUPPORT

Timber studs & top plates to be checked by other.

If required joists can be welded to top flange of steel angle, 25mm of 4mm fillet weld to one side of joist shoe
Re bar welded to angle or epoxy grouted into wall size and length to be determined by engineer

Steel angle by others

90 min angle

40 clearance

varies

varies 1000 or 1500

CLEAR DISTANCE BETWEEN SUPPORTS (ORDER LENGTH)

EDGE SUPPORT FOR CONCRETE OR MASONRY WALLS

If required joists can be welded to top flange of steel angle, 25mm of 4mm fillet weld to one side of joist shoe
MINIMUM EDGE DETAIL
50mm STEP IN SLAB (STEP PARALLEL TO JOISTS)

25 MPa Concrete for 75 and 90 slab
665 Mesh

Speedfloor joist

1230 c/c Standard
50mm STEP IN SLAB
(STEP PERPENDICULAR TO JOISTS)

25 MPa Concrete
for 75 and 90 slab
665 Mesh
DETAIL FOR CARPARK LOADING

*NOTE: CARPARK LOADING REQUIRES 30 MPa CONCRETE
90mm SLAB WITH 663 MESH
EXTENDED ICF SHOE DETAIL
THROUGH WALL ICF HANGER DETAIL

CLEAR DISTANCE BETWEEN SUPPORTS
(ORDER LENGTH)

varies 1000 - 1500

varies 75 or 90

25 MPa Concrete
for 75 and 90 slab
665 Mesh

Top flange

M16 8.8/s

Lockbar slot

Service hole

Bottom flange

Slab thickness

Support

ICF
HANGING ANGLE AND EDGE ANGLE