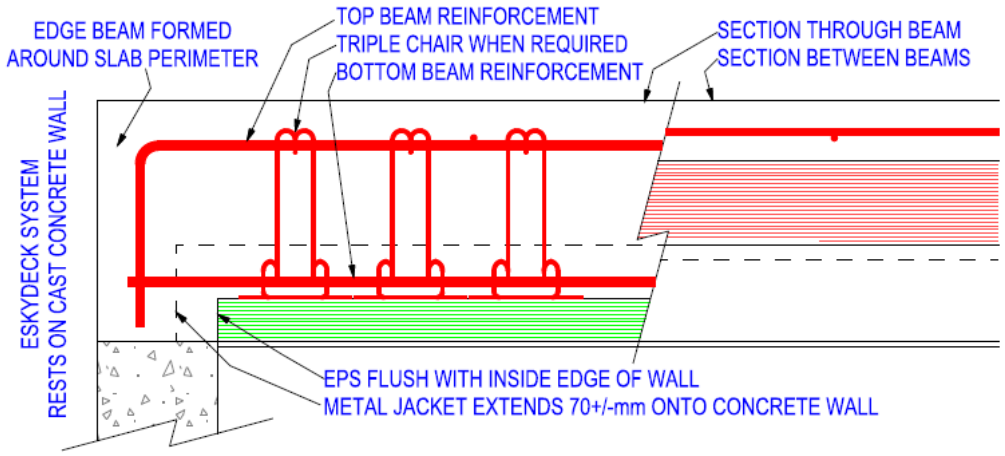
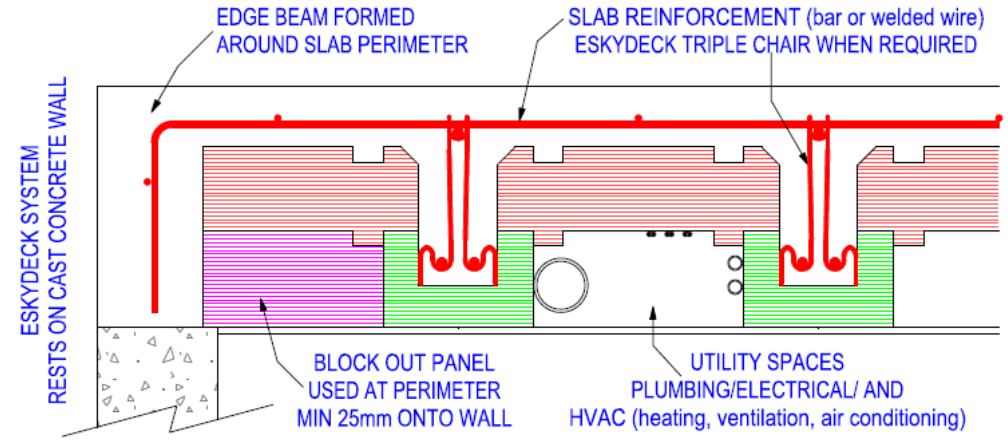
Eskydeck Above Cast Concrete

Wall perpendicular to Beams

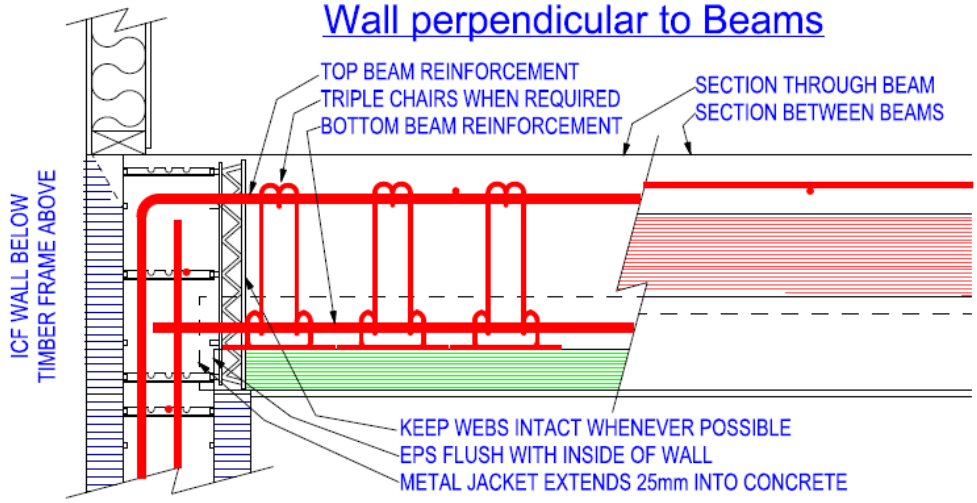


Wall parallel with Beams

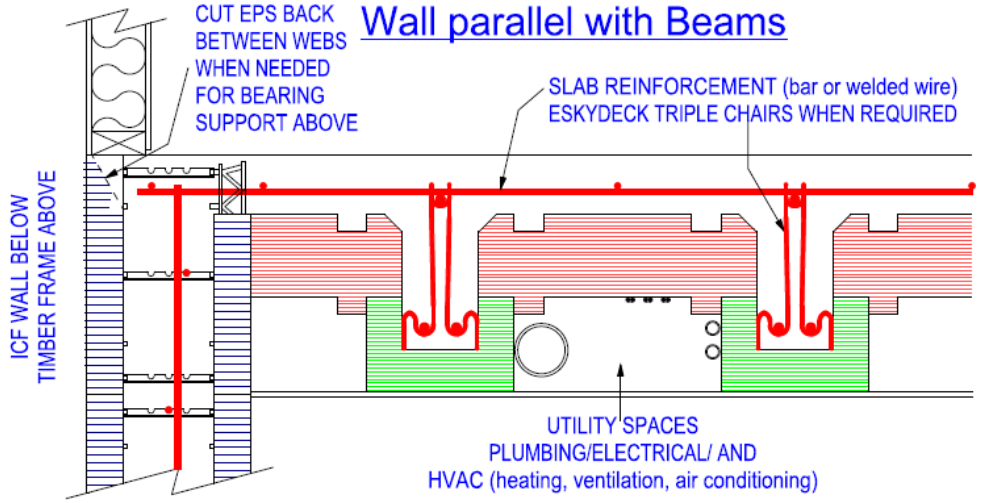


ICF Below, Timber Frame Above

Wall perpendicular to Beams

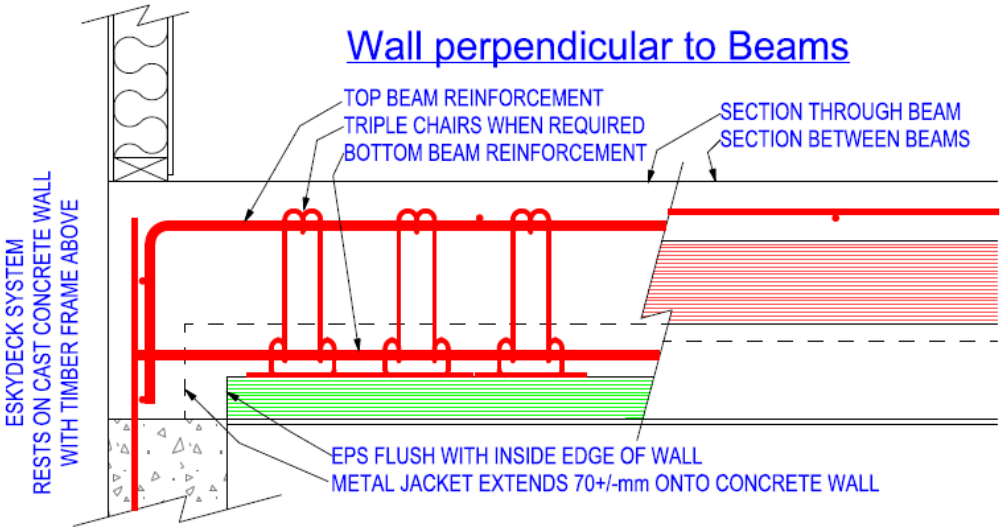


Wall parallel with Beams

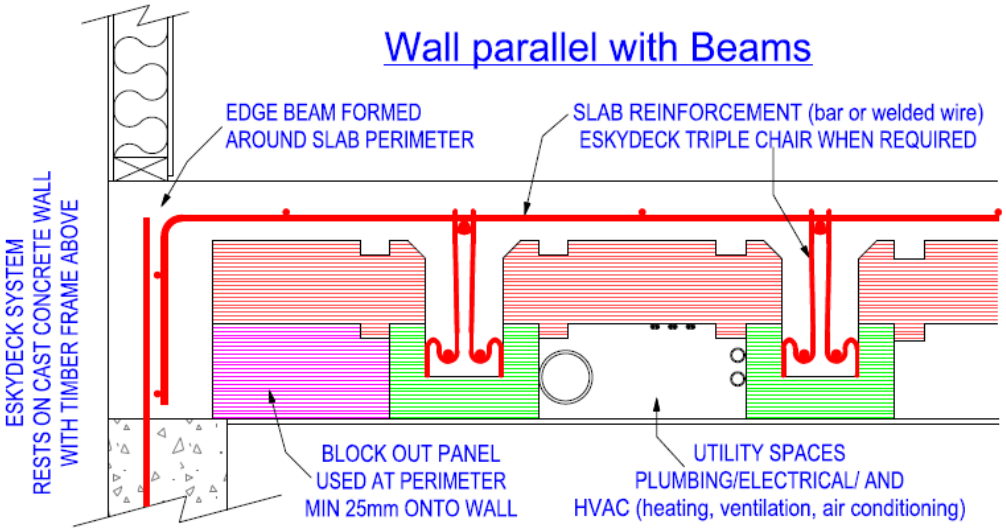


Cast Concrete Below, Timber Frame Above

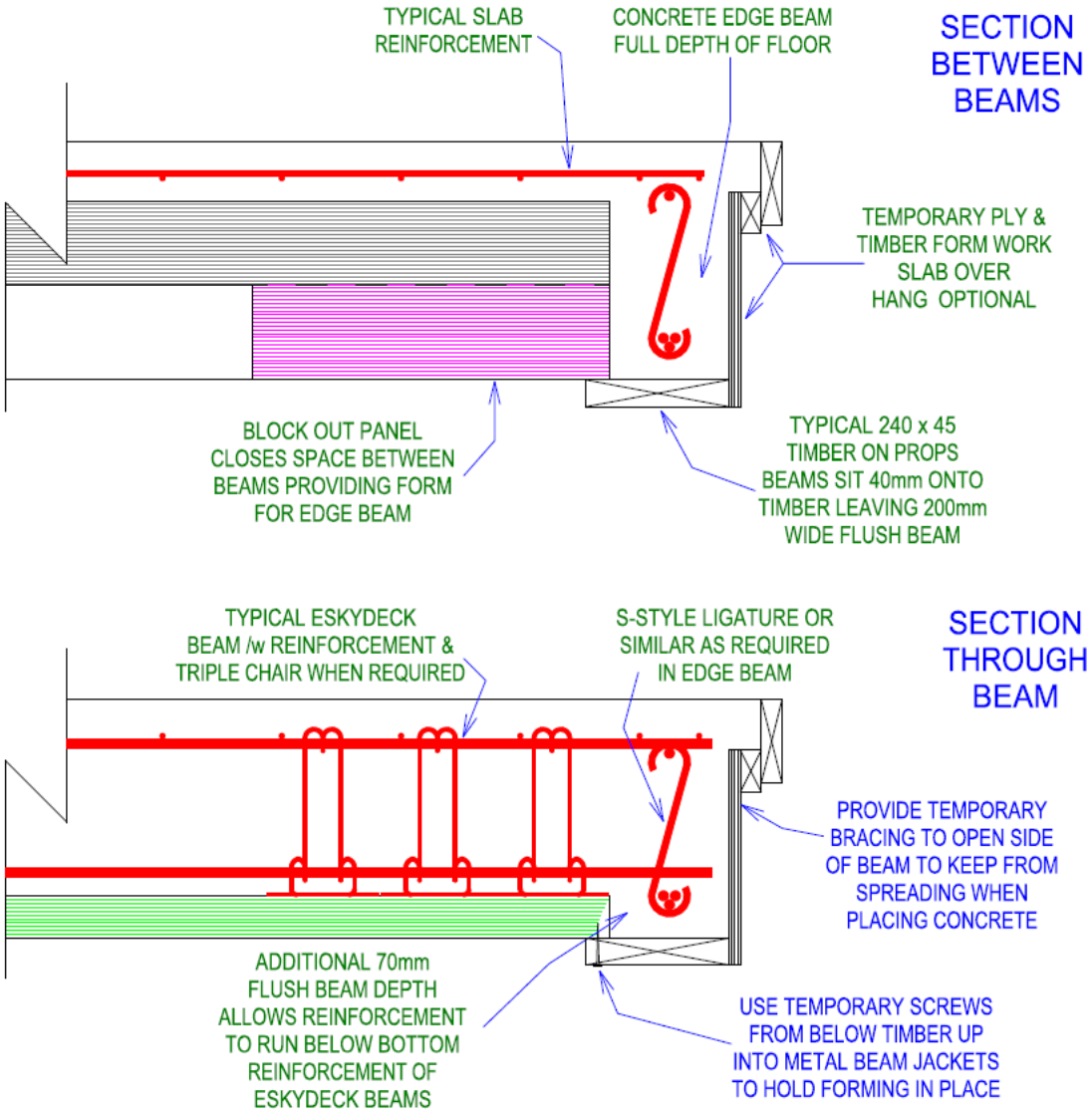
Wall perpendicular to Beams



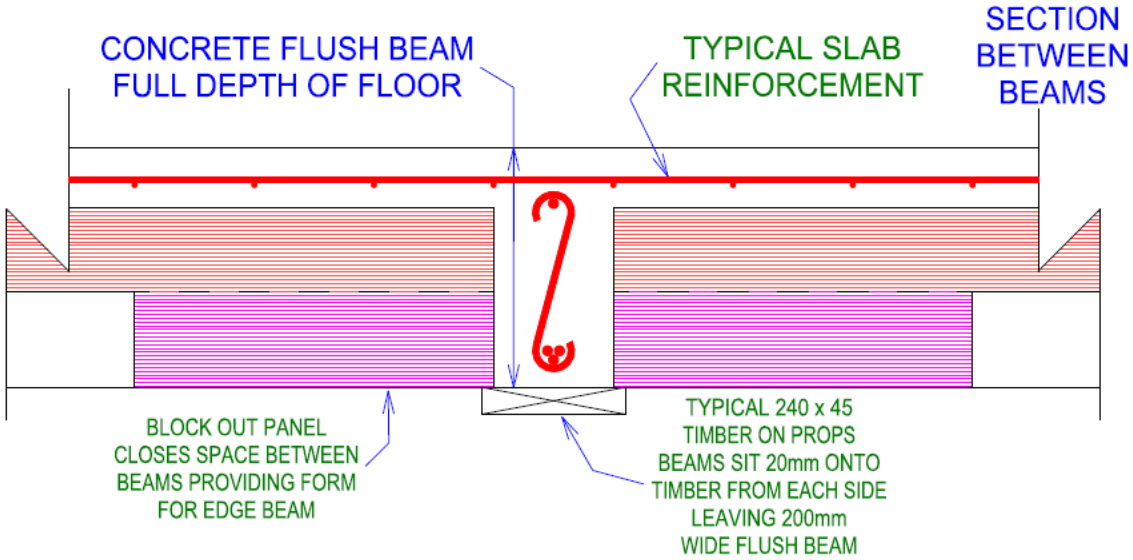
Wall parallel with Beams

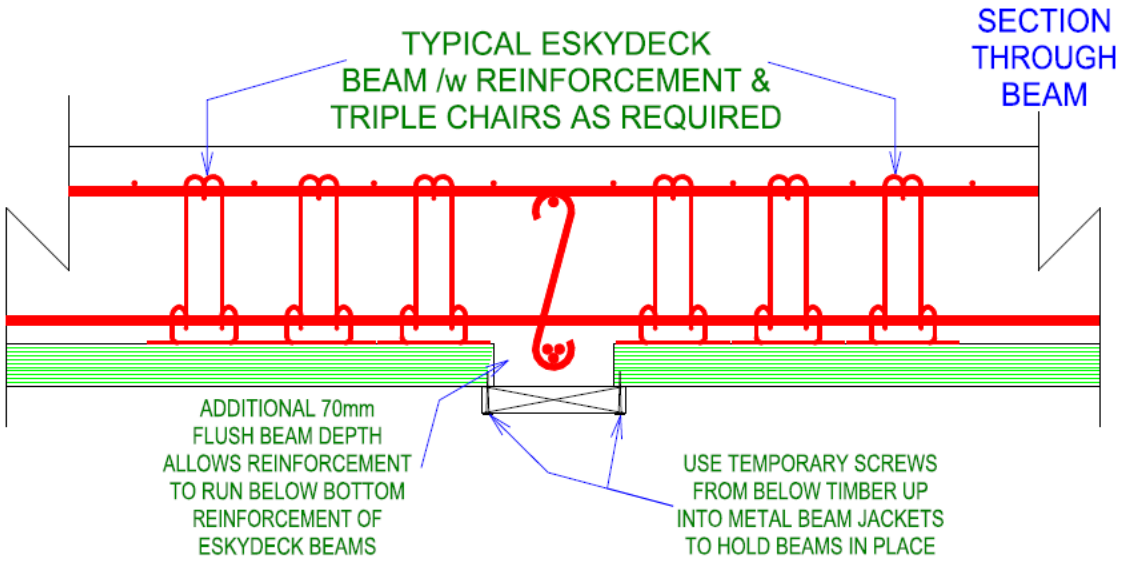


Concrete Edge Beam Forming Detail

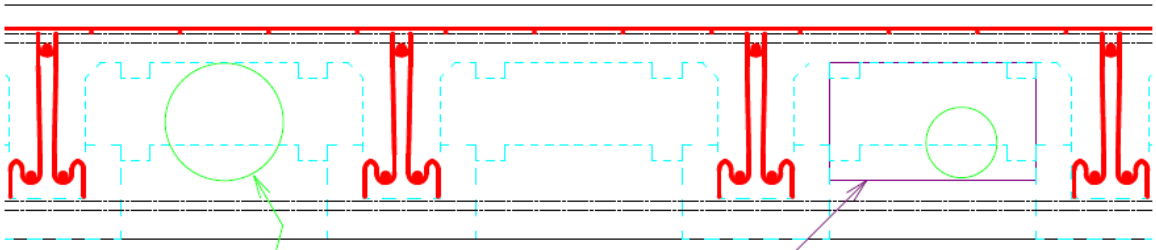


Mid Span Flush Beam Forming Detail





Sleeve size, placement and spacing in typical Flush Beam



MAXIMUM SIZE SLEEVE MUST KEEP MIN 100mm CONCRETE COVER BOTH BELOW AND ABOVE

FLUSH BEAM DEPTH IS FROM TOP OF SLAB TO UNDERSIDE OF BEAM PANS AND WILL BE 70mm DEEPER THAN STANDARD BEAM

MAXIMUM SLEEVE SIZE WILL BE FLUSH BEAM DEPTH LESS 200mm

SLEEVES MUST BE PLACED BETWEEN TOP AND BOTTOM BARS OF FLUSH BEAM REINFORCEMENT

TOP OF SLEEVE MAXIMUM HEIGHT WILL BE UNDERSIDE OF FLOOR SLAB

SLEEVES MUST BE SPACED NO CLOSER THAN 5X THE DIAMETER OF THE SLEEVE TO THE NEXT SLEEVE OF EQUAL OR SMALLER SIZE

EXAMPLE; A 160 STANDARD BEAM WITH A 140 PANEL WILL HAVE A 400mm OVERALL FLUSH BEAM DEPTH MAXIMUM SLEEVE WILL BE 200mm SPACED AT MIN 1000mm BETWEEN SLEEVES. SMALLER SLEEVES MAY ALSO BE USED SUCH AS 50mm SLEEVE SPACED AT MIN 250mm MAXIMUM EQUAL SIZE SLEEVE PLACED IN EVERY SPACE BETWEEN BEAMS WILL BE 120mm (600 divided by 5).

DEEPER PANELS WILL ALLOW LARGER SLEEVES

SLEEVES MAY BE PLACED ANYWHERE IN AREA BETWEEN BEAM FORMS /w 100mm ABOVE OR BELOW SLEEVE

PANEL EPS MAY BE REMOVED AFTER SLAB IS IN PLACE TO ACCOMMODATE PLACING OF DUCTING OR PIPING