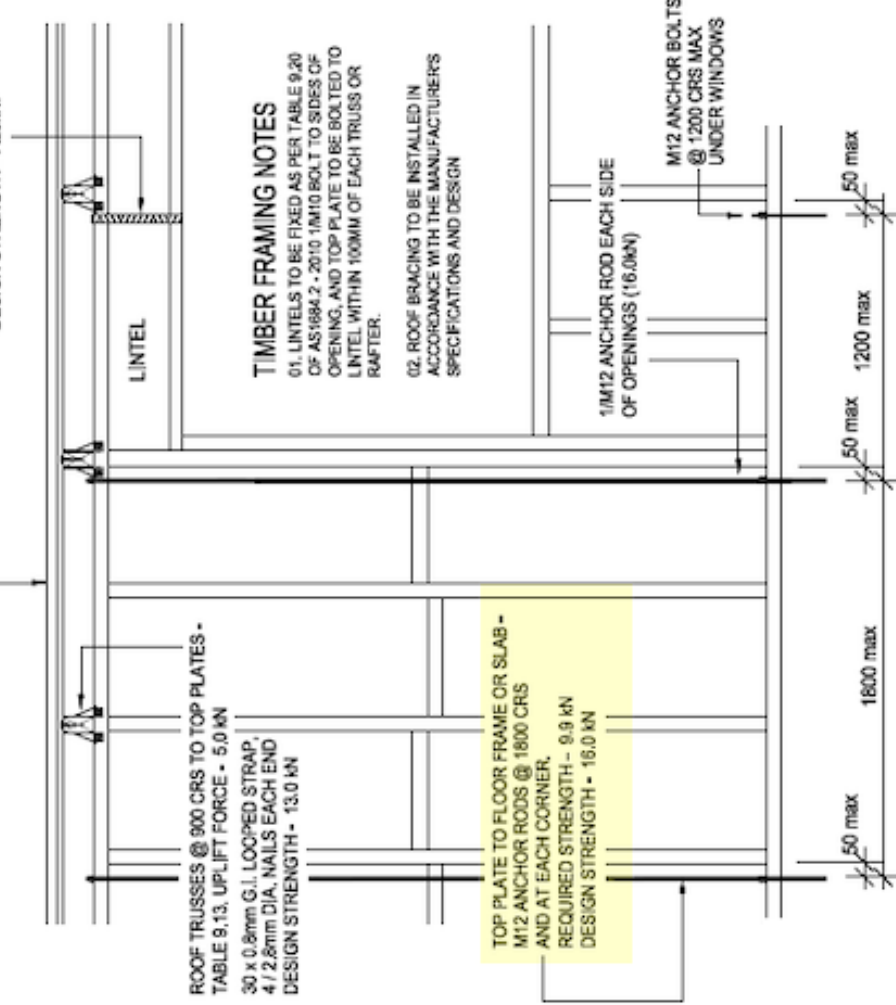


NOMINAL FIXINGS FOR TIMBER MEMBERS - AS 1684.2 - 2021	
JOINT	MINIMUM FIXING FOR EACH JOINT
FLOOR FRAMING	
BEARER TO TIMBER STUMP / POST	4/75 x 3.05mm OR 5/75 x 3.05mm MACHINE DRIVEN NAILS PLUS 1/30 x 0.8mm G.I. STRAP OVER BEARER & BOTH ENDS TO STUMP WITH 4/30 x 2.8mm DIA. FLAT HEAD NAILS EACH END, OR 1/M10 BOLT THROUGH THE BEARER HALVED TO STUMP OR 1/M12 CRANKED BOLT FIXED VERTICALLY THROUGH BEARER & BOLTED TO STUMP PLUS 4/75 x 3.05mm OR 5/75 x 3.05mm MACHINE DRIVEN NAILS CAST INTO MASONRY (INTO FOOTING)
BEARER TO MASONRY COLUMN / WALL / PER (EXCLUDING MASONRY VENEER CONSTRUCTION)	1/M10 BOLT OR 1/50 x 4mm MILD STEEL BAR FIXED TO BEARER WITH M10 BOLT CAST INTO MASONRY (INTO FOOTING)
BEARER TO CONCRETE STUMP / POST	1/4mm DIA. ROD CAST INTO STUMP VERTICALLY THROUGH BEARER & BENT OVER, 1/M10 COUGH SCREW OR BOLT
BEARER TO STEEL POST	2/75 x 3.05mm DIA. NAILS
FLOOR JOIST TO BEARER	
WALL FRAMING	
PLATES TO STUDS	PLATES UP TO 38mm THICK - 2/75 x 3.05mm NAILS THROUGH PLATE; PLATES 38mm TO 60mm THICK - 2/60 x 3.05mm NAILS THROUGH PLATE; OR 2/75 x 3.05mm NAILS SKEWED THROUGH STUD INTO PLATE
NOGGINGS TO STUDS	2/75 x 3.05mm NAILS SKEWED OR THROUGH NAILED
TIMBER BRACES TO STUDS OR PLATES	2/50 x 2.8mm DIA. FLAT HEAD NAILS AT EACH JOINT
LINTEL TO JAMB STUD	2/50 x 2.8mm DIA. FLAT HEAD NAILS AT EACH JOINT
BOTTOM PLATE TO JOISTS	PLATES UP TO 38mm THICK - 2/75 x 3.05mm NAILS @ 600 CRS MAX, PLATES 38mm TO 50mm THICK - 2/50 x 3.05mm NAILS @ 600 CRS MAX
BOTTOM PLATE TO CONCRETE SLAB	1/75 x 3.05mm NAIL (HAND DRIVEN @ SLAB EDGE), SCREW OR BOLT AT NOT MORE THAN 1200 CRS
RIBBON PLATE TO TOP PLATE	REFER TO CLAUSE 2.3 AND CLAUSE 9.2.10 OF AS 1684.2
MULTIPLE STUDS	1/75 x 3.05mm NAIL @ 600mm CRS MAX
POST TO BEARERS OR JOISTS	1/M12 OR 2/10 BOLT, TS (UNLESS SPECIFIED OTHERWISE)
ROOF FRAMING	
ROOF TRUSSES TO TOP PLATES	1/FRAMING ANCHOR WITH 3/28 DIA. NAILS EACH LEG, OR 1/30 x 0.8mm G.I. STRAP OVER TRUSS WITH STRAP ENDS FIXED WITH 3/30 x 2.8mm DIA. NAILS PLUS 2/75 x 3.05mm SKEW NAILS
RAFTERS TO TOP PLATES - COUPLED ROOF	2/75 x 3.05mm NAILS PLUS, WHERE ADJOINING A CEILING JOIST OF 38mm THICK - 2/75 x 3.05mm NAILS, OR 50mm THICK - 2/60 x 3.05mm NAILS, FIXING TO JOIST OR RAFTER
RAFTERS TO TOP PLATES - NON COUPLED ROOF	2/75 x 3.05mm SKEW NAILS
CEILING JOISTS TO TOP PLATES	2/75 x 3.05mm SKEW NAILS
CEILING JOISTS TO RAFTERS	IN COUPLED ROOF CONSTRUCTION, 1/75mm x 3.05mm HAND DRIVEN NAIL OR 2/75 x 3.05mm SKEW NAILS
COLOR TIES TO RAFTERS	1/M10 BOLT FOR TIES OVER 4.2m OR 3/75 x 3.05mm NAILS FOR TIES UP TO 4.2m LONG
VENDAKAH BEAMS & ROOF BEAMS TO POST	1/M12 OR 2/M10 BOLTS (UNLESS SPECIFIED OTHERWISE FOR TIE DOWN)

BATTENS TO ROOF TRUSSES - TABLE 9.14
UPLIFT FORCE - 0.79 kN (GENERAL) & 1.5 kN (EDGES)
1/75mm No14 TYPE 17 BATTEN SCREW
DESIGN STRENGTH - 3.6 kN

30x0.8mm LOOPED STRAP WITH
4/2.8mm DIA NAILS LOCATED BESIDE
(WITHIN 100mm) EACH TRUSS OR
RAFTER THAT FALLS OVER ANY LINTEL
REQUIRED STRENGTH - 6.20kN
DESIGN STRENGTH - 7.20kN.



TIMBER FRAMING NOTES

01. LINTELS TO BE FIXED AS PER TABLE 9.20 OF AS 1684.2 - 2010. 1/M10 BOLT TO SIDES OF OPENING, AND TOP PLATE TO BE BOLTED TO LINTEL WITHIN 100MM OF EACH TRUSS OR RAFTER.
02. ROOF BRACING TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND DESIGN

TIE DOWN DETAIL - ROOF LOAD WIDTH UP TO 7500

ALL TIE DOWN FIXINGS DESIGNED IN ACCORDANCE WITH AS 1684.2-2010
RESIDENTIAL TIMBER FRAMED CONSTRUCTION MANUAL.