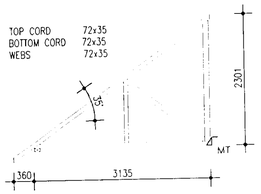
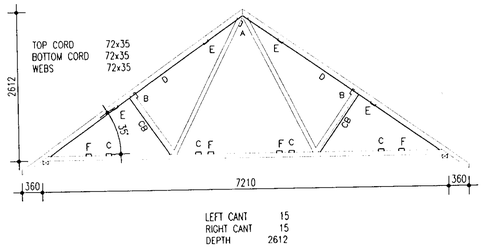


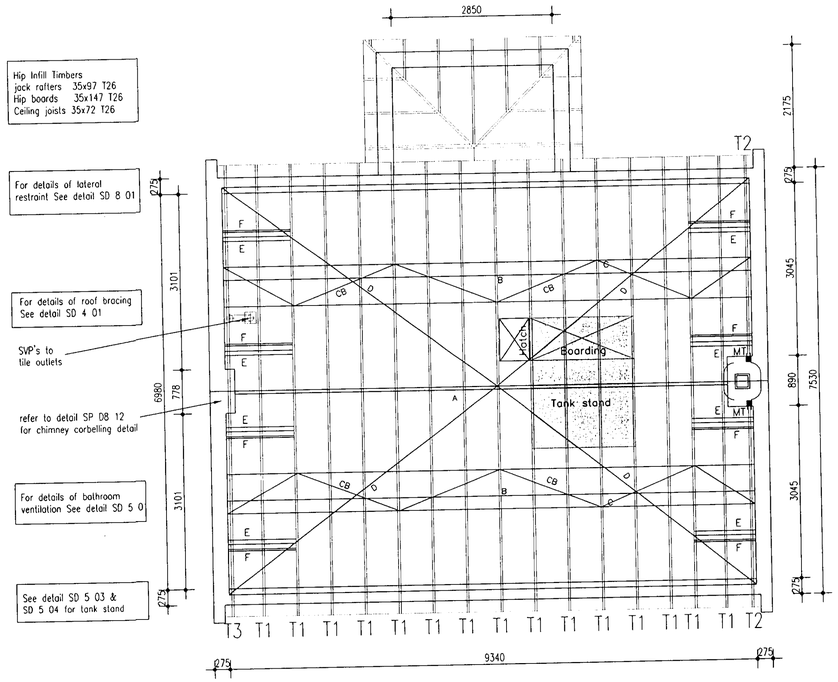
TYPE T3 - 1 No. (1 PLY)



TYPE T2 - 2 No. (1 PLY)



TYPE T1 - 15 No. (1 PLY)



ROOF LAYOUT

N.B.
MULTIPLE PLY GIRDER TRUSSES TO BE FULLY NAILED AT WORKS IN ACCORDANCE WITH BS 5268 PART 3 1998

Metalwork:

8no. E – rafter gable restraint straps
8no. F – ceiling gable restraint straps
2no. MT – Mono truss Masonry Hangers 38mm

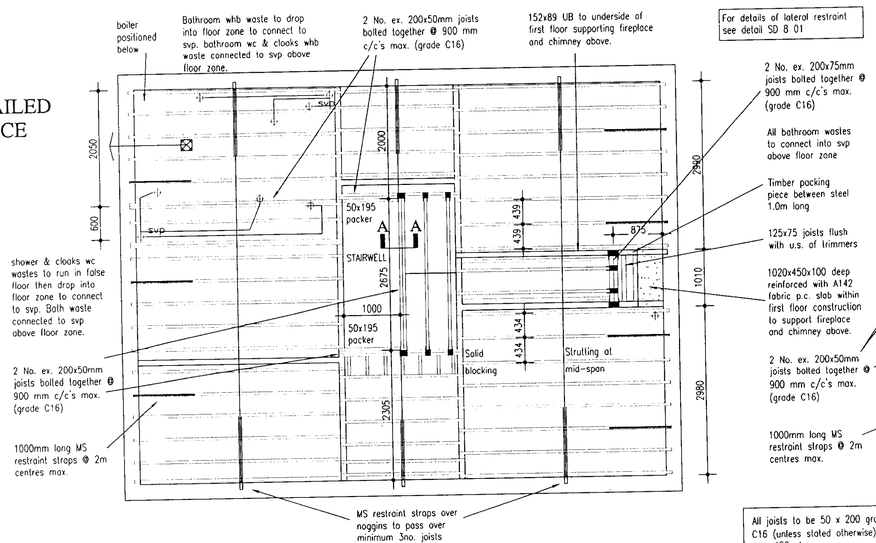
ROOF TO BE FORMED OF PRE- FABRICATED TRUSS RAFTERS MANUFACTURED TO BS: 5268 pt3 & TO FABRICATORS DESIGN CALCULATIONS & TO BE STORED, HANDLED & ERECTED TO T.P.A. RECOMMENDATIONS.

BRACING LEGEND: (see also Detail Dwg No SD 401)
A. Longitudinal member at ridge node point
B. Longitudinal member at rafter node point
C. Longitudinal member at ceiling node point
CB. Chevron bracing to webs
D. diagonal member across rafters at approx 45deg
T. diagonal bracing to horizontal top chord

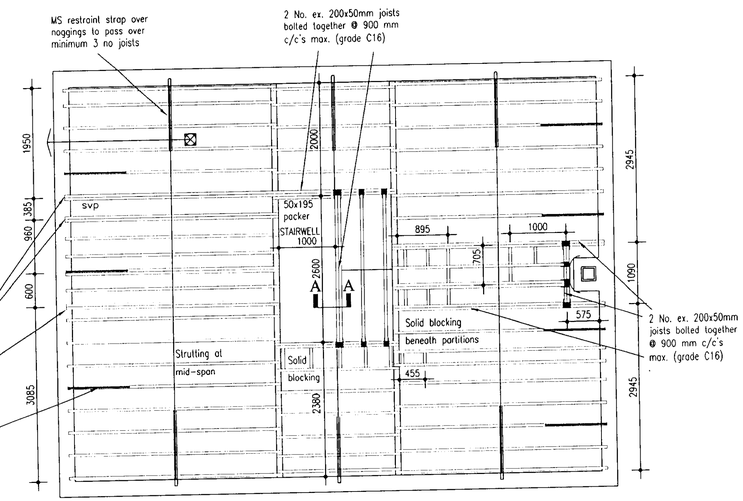
RESTRAINT LEGEND: (see also Detail Dwg No SD 801)
E. 50x75 gable batten under 3No rafters
F. 30x5 galv. m.s. strap over 3No ceiling ties

Note: All members to be tight against gable walls

Note: Timber members to be ex 25x100 & twice nailed to each truss. Metal straps to be screwed to timbers



FIRST FLOOR CARCASSING PLAN



SECOND FLOOR CARCASSING PLAN

REVISIONS

NOTES

1 Trusses and loose timber to be fixed at wall plate bearings using 2 no 4.45o x 100lg galv. wire nails.

2 Secure girder trusses to wallplates with 2 no. Trip-L-Grip framing anchors.

3 Internal walls to be stopped below underside of truss bottom chords to allow adequate gap for truss deflection except where shown otherwise.

4 Longitudinal braces are to butt tightly against gable and party walls

5 Diagonal rafter bracing is to be installed at approx. 45 deg viewed on slope (min 35 deg, max 55 deg)

6 Nail all bracing to each truss with 2 No. 3.35mm dia x 75 lg. wire nails

7 Bracing to be lapped as required over at least two trusses and fixed with 2 No. 3.35mm x 75 lg. wire nails

8 Proprietary hangers, anchors and fixings to be used in accordance with manufacturers instructions

9 H3/5/7 denotes Gang-Nail Truss Hangers
MT denotes Gang-Nail MonoTruss Masonry Hangers
MH denotes Gang-Nail Mini Hanger
HD denotes Gang-Nail Heavy Duty Girder Shoes
MD denotes Gang-Nail Medium Duty Truss Hanger
J denotes Gang-Nail Joist Hanger
A denotes Gang-Nail Maxi Hanger
* denotes Special Hanger
H denotes Masonry Hanger supplied & fixed by structural engineers to specification.

10 All loose timber to be C16 – dry graded to BS 4978.

Bryant Homes
Technical Services Ltd

title
COMPTON
Penrose Park
PLANS AND SECTIONS
CARCASSING

drg no COM C 40
scale 1 : 50 date JAN 2001
drawn PS checked

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