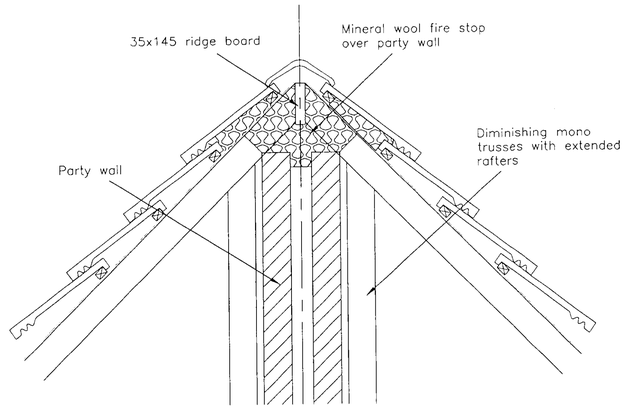
MS C 41

ARLSORFIELD
PENROSE PARK
MILLSTEAD HOUSE TYPE
Roof Carcassing

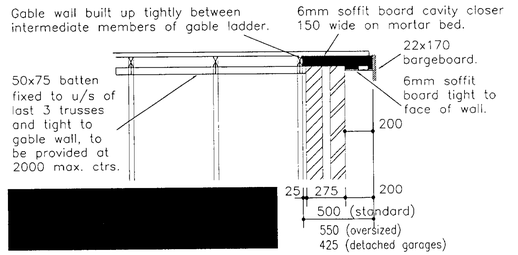


DETAIL AT PARTY WALL

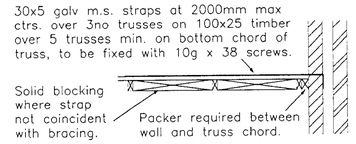
METAL WORK SCHEDULE:

END TERRACE:
4No. – 38mm Gang Nail Truss Hangers.
27No. – Truss Clips.
6No. – Framing Anchors.
2No. – 38mm masonry hangers.
1No. – 75mm masonry hanger.

MID TERRACE:
4No. – 38mm Gang Nail Truss Hangers.
18No. – Truss Clips.
2No. – Framing Anchors.



GABLE RESTRAINT DETAILS – SCALE 1:20



N.B. No blocking required where lateral restraint strap is coincident with longitudinal brace.

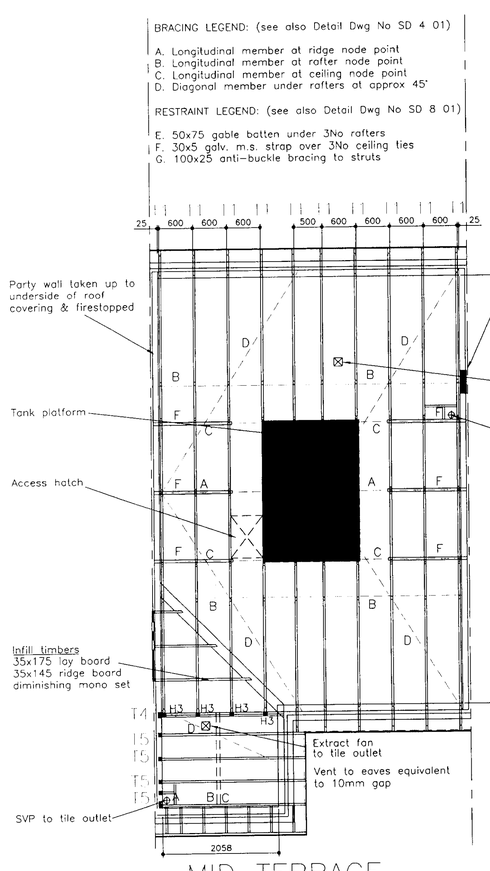
LATERAL RESTRAINT DETAIL – SCALE 1:20

BRACING LEGEND: (see also Detail Dwg No SD 4 01)

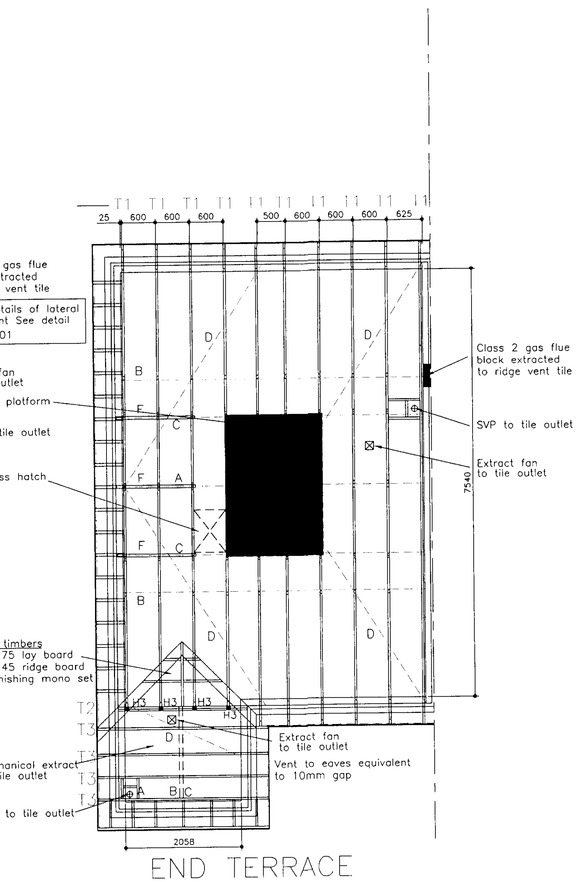
A. Longitudinal member at ridge node point
B. Longitudinal member at rafter node point
C. Longitudinal member at ceiling node point
D. Diagonal member under rafters at approx 45°

RESTRAINT LEGEND: (see also Detail Dwg No SD 8 01)

E. 50x75 gable batten under 3No rafters
F. 30x5 galv. m.s. strap over 3No ceiling ties
G. 100x25 anti-buckle bracing to struts

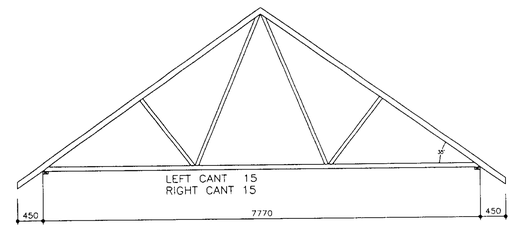


MID TERRACE

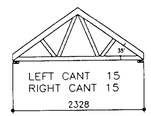


END TERRACE

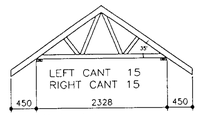
N.B.
MULTIPLE PLY GIRDER TRUSSES TO BE FULLY NAILED AT WORKS IN ACCORDANCE WITH BS 5268 PART 3 1998



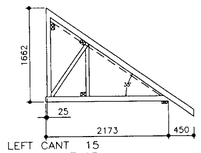
TRUSS T1



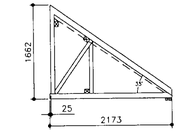
TRUSS T2
(2 PLY GIRDER)



TRUSS T3



LEFT CANT 15
RIGHT CANT 15
TRUSS T5



LEFT CANT 15
RIGHT CANT 15
TRUSS T4
(2 PLY GIRDER)

REVISIONS

C.D.M.

FOR HEALTH AND SAFETY FEATURES PLEASE REFER TO C.D.M. HOUSE TYPE RISK ASSESSMENT CHECKLIST FO THIS HOUSE TYPE TOGETHE WITH THE BRYANT GROUP SERVICES RISK ASSESSMEN SHEETS

NOTES

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

2 Secure girder trusses to wallplates noted above.

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

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

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

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

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

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

9 All loose timber to be C16 – dry to BS 4978.

Bryant Homes

title
MILLSTEAD
CENTENARY
ROOF CARCASSIN
& DETAILS

dwg no MS C 41
scale 1 : 50 date
drawn T. LOCKE checked

CRANMORE HOUSE, CRANMORE BOULEVAR
SHIRLEY, SOLIHULL,
WEST MIDLANDS, B90 4SD.
TELEPHONE 0121 711 1212 FACSIMILE 0121 7