

9mm OSB Sarking required to U/side of ALL loose rafters after installation is complete

NOTES

- Trusses and infill are designed to be at 600mm c/c.
- Compression chords, generally rafters, are to be restrained from buckling by tilling battens fixed according to the current British standards at no more than 360mm c/c.
- The building designer should satisfy himself on the following, water tanks/plant ducts can be accommodated with the truss configurations.
- All dimensions are to be verified on site prior to manufacture.
- Trusses are not to be notched, cut or drilled without prior approval.
- 6. All bracing members are to be 22x97 min and fixed with two 3.35x63mm long galvanized round wire nails to every truss they cross
- 7. Diagonal rafter bracing shall be securely fixed to the wallplate.
- Laps where required are to be over at least two trusses. Longitudinal binders are to be fixed to all trusses of the same type and to at least 2 adjacent trusses of the next type.
- grades for truss Timber manufacture are as specified in the trussed rafter calculations.
- 10. All nails for propriety fixings shall be 3.75 dia x30 long galvanized square twisted. No other nail specification is acceptable.
- 11. All nails, bolts and other fixings used in the roof structure shall be galvanized unless otherwise indicated on the details.
- 12. All screws shall be inserted into pre-drilled holes.
- 13. All bolts shall have washers of the following minimum sizes.

Diameter = Three times bolt size.

Thickness = One quarter bolt size.

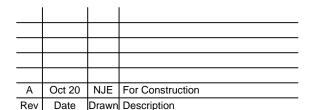
LOCATION	FIXING TYPE	No.
Truss to wall plate	Truss clip	x1
Rafter to wall plate	Skew Nails	x2
Rafter to roof beam	Skew Nails	x2
Rafter to Valley / hip	Skew Nails	x2
Multiple rafter to wall plate	Framing Anchors	x2
Hip board to wall plate	Framing Anchors	x2
Purlin to rafters	Joist hanger either end	

GENERAL

This drawing is to read in conjunction with ALL NJE Design Services LTD project related drawings, Architects drawings, Engineers drawings & Bartram Timber standard details, project method statement and risk assessment. This should be done prior to the commencement of any works.

DIMENSIONS

In the event of any dimensions being unclear or missing then please bring this to the attention of either Bartram Timber or NJE Design Services at the earliest



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NJE Design Services Ltd

2 Salcombe Close, Biggleswade, Beds, SG180FP

01767 315301 07572 347873

enquiries@njedesignservices.com www.njedesignservices.com

Client **Bartram Timber**

Project Sam Grace Gt Gransden

Description Roof Layout

CONSTRUCTION

Scale Drawn 1:50 NJE

Date Revision Oct 20

Drawing No.

NJEDS Job No. 20068

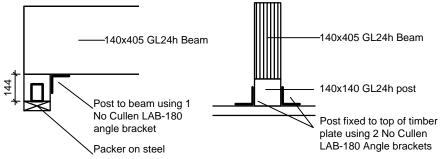
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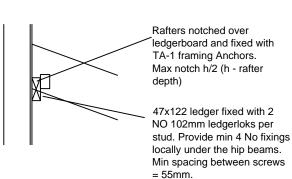
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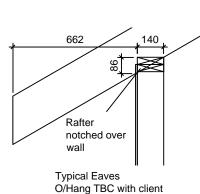
Client Job No.

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The Contractor is responsible for checking all dimensions before commencing any works. All work by the contractor must comply with all current relevant legislation, regulation standards guidance and law wether or not specified on this drawing. The contractor is responsible for checking this drawing against all other relevant architect and engineers details and drawings prioir to commencement of site works.







prior to cutting

Item	Section Size / Grade	Quantity	Length mm	Notes
Gable ladders - GL#01		4		See seperate detail
Truss T1	35mm truss	4		See profile
Truss T2	35mm truss	2		See profile
Ridge beam	140x405 GL24h	1	5831	
Ridge post	140x140 GL24h	1	200	Cut to suit on site
Vaulted rafters	47x222 TR26	28	4500	Cut to suit on site
Roof light purlins	47x222 TR26	4	600	
Panel top supports	38x89 CLS	8	565	Cut to suit on site
Rafterfeet	47x222 TR26	9	1800	Cut to suit on site
Hip board	47x222 TR26	2	3800	Cut to suit on site
Store rafters	47x222 TR26	13	2800	Cut to suit on site
Bearer	47x122 TR26	1	1800	
Bracing	25 x 100	40 lm		Supplied in random lengths
9mm OSB Sarking	1200x2400	17 No sheets		Fixed to u/side of rafters
Metal work (All Cullen UNO)				
truss Clips		12		TC35
Framing anchors		8		FAS
Roof light hangers		12		KH-50
Ledger loks - 102mm		14		
Framing anchors		3		TA-1
Angle brackets		3		Cullen LAB-180