

1. Record Nr.	UNINA9911019822703321
Autore	Mindham C. N (Chris N.)
Titolo	Roof construction and loft conversion / / C.N. Mindham
Pubbl/distr/stampa	Oxford, : Blackwell, 2006
ISBN	9786610748747 9781280748745 1280748745 9780470763995 047076399X 9780470759691 0470759690 9781405173261 1405173262
Edizione	[4th ed.]
Descrizione fisica	1 online resource (258 p.)
Disciplina	690.15
Soggetti	Roofs - Design and construction Framing (Building) Lofts - Remodeling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Roof Construction and Loft Conversion; Contents; Preface; Acknowledgements; 1 The Development of the Pitched Roof; Primitive roof forms; The coupled roof; Stability; Ceilings; Trusses; Design for economy; Standard design roofs; Bolt and connector joints; Trussed rafters; Cost advantages; Legislation; 2 Roof Shapes and Terminology; Terminology; 3 The 'Traditional' or 'Cut' Roof; Design; The common rafter and purlin roof; The hip roof; The mono pitch roof truss; The valley structure; Attic roofs; Roof lights and roof windows; Additional design considerations 4 Attic Construction Using Modern Engineered Timber ComponentsThe floor; Attic construction using engineered timber components; 5 Bolted Truss Roof Construction; The joints; Truss assembly; The split-ring connector; Accuracy; Standard designs; The roof construction; Bolted

truss hips; Valleys; Structural openings; Roof stability; 6 The Construction of Trussed Rafter Roofs; Performance in use; Design; Design information; Quality control; Inspection and quality assurance; The construction of a trussed rafter roof; Hip end roofs; Valleys and intersecting roofs; Trimmings for openings
Attic and loft roofsOpenings for dormers, roof windows and stairwells in attic trussed rafter roofs; Bracing the attic trussed rafter roof; Trussed rafter shapes; 7 Truss Plate Systems; Systems available; Computer programs; Training; Technical data; Metalwork; Hip roof construction; Valleys; Attic trusses; Raised tie trusses; Punched nail plate joists, rafters and purlins; Future developments; 8 Roof Construction Detailing; General; Storage and handling of timber and timber components; Preservative treatment; Wall plates and fixings; Gable ends, ladders, gable restraints and separating walls
Water tank platformsVentilation of roof voids; Bracing; Eaves details; Trimming small openings; Infill; 9 Loft Conversions; Development of the loft; The early attic; Floors and ceilings; Cottages; Wasted space; The final blow; Examining conversion possibilities; Decision making considerations; Typical roof types; Letting in light; Can we stand up?; Valley; Access to the attic; The last resort; 10 Obligations - Visual Impact on Your Home; The planning application; The structural impact on the home; 11 The Conversion; Making a start; The survey; Plans and specification
Writing the specificationImpact on occupants during conversion; Builders' stores and materials; 12 Solutions; Basic accommodation; The common roof; Bolted truss and trussed rafter roofs; Roof replacement; Ventilating the roof void; Openings for dormers and roof windows; Conclusions; Bibliography, Standards and Technical References; Index
Full of detailed construction drawings, this book covers cut roofs, bolted truss roofs, trussed rafter roofs, trimmed openings and ventilation.A major section deals with loft to attic room conversions, giving guidance on planning procedures, as well as dealing with structural matters and specifying conversion work.The Fourth Edition features a new chapter covering the growing number of engineered timber components available in the house building industry. The use of I beams and roof cassettes is detailed for roof and room-in-the-roof construction. The text has been fully update

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