

**THE CARPENTER'S AND JOINER'S HAND-BOOK:
CONTAINING A COMPLETE TREATISE ON
FRAMING HIP AND VALLEY ROOFS. TOGETHER
WITH MUCH VALUABLE INSTRUCTION FOR
ALL MECHANICS AND
AMATEURS, USEFUL RULES, TABLES, ETC.,
NEVER BEFORE PUBLISHED**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649319404

The Carpenter's and Joiner's Hand-book: Containing a Complete Treatise on framing hip and valley roofs. Together with much valuable instruction for all mechanics and amateurs, useful rules, tables, etc., never before published by H. W. Holly

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Cover @ 2017

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H. W. HOLLY

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REVISED EDITION WITH ADDITIONS.

BY

H. W. HOLLY,

PRACTICAL ARCHITECT AND BUILDER,

AUTHOR OF

"THE ART OF SAW-FILING."

ILLUSTRATED BY FORTY-THREE ENGRAVINGS.

THIRD THOUSAND.

NEW YORK:

JOHN WILEY & SONS,

LONDON:

CHAPMAN & HALL, LIMITED.

1900.

Eng 689.



Engineering Appropriation
48.14

Entered according to Act of Congress, in the year 1863,

By H. W. HOLLY,

In the Clerk's Office of the District Court of the United States for
the District of Connecticut.

Braunworth, Munn & Barber
Printers and Binders
Brooklyn, N. Y.

PREFACE.

THIS work has been undertaken by the author to supply a want long felt by the trade: that is, a cheap and convenient "Pocket Guide," containing the most useful and necessary rules for the carpenter.

The writer, in his progress "through the mill," has often felt that such a work as this would have been of great value, and some one principle here demonstrated been worth many times the cost of the book.

It is believed, therefore, that this book will commend itself to those interested, for the reason that it is cheap, that it is plain and easily understood, and that it is useful.

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THE CARPENTER'S AND JOINER'S HAND-BOOK.

HIP AND VALLEY ROOFS.

THE framing of hip and valley roofs, being of a different nature from common square rule framing, seems to be understood by very few. It need scarcely be said, that it is very desirable that this important part of a carpenter's work should be familiar to every one who expects to be rated as a first-class workman. The system here shown is proved, by an experience of several years, to be perfectly correct and practicable; and, as it is simple and easily understood, it is believed to be the best in use. Care has been taken to extend the plates so as to de-