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DESCRIPTION OF PLATES.

Plates Nos. 25, 26, and 27.

A SUBURBAN RESIDENCE.

This house has recently been erected in Elizabeth, N. J., for Mr. C. Symmes Kiggins.

The style is " colonial" both exterior and interior, as will be seen by elevations and details.

The house is trimmed throughout the first floor with hardwood, oak being used for dining-room and hall; black walnut for the library. and mahogany for the parlor; the balance of house is finished in white pine, rubbed and polished.

Steam heat, with direct and indirect radiation, is used throughout.

The arrangement of rooms, and the general plan is the result of considerable study on the part of architect and client, and by referring to same it will be seen that every detail for comfort and economy has been carefully looked after, thus insuring perfect satisfaction to the owner.

Plate No. 28.

Four designs for mantels in different styles, with sections and details to scale.

Plate No. 29.

Eight designs for doors with sectional drawings.

Plates Nos. 30 and 31.

A COUNTRY RESIDENCE.

These plates show a house with simple exterior, arranged to have no features introduced for ornament but only such as are called for by the requirements of the plan. Thus both sides of the roof are plain slopes except at the two broad dormers, each of which have balconies. The parlor or living room has been made liberal as it should be in a country home.

The fireplace and bay would make the stair landing an inviting spot if the exterior view was an agreeable one.

A small interior bay opens back to the main hall from the "den," over the landing.

The interior details as shown would be best finished in light paint, to show the delicacy of the ornament.

The stairs would look well, white, except rail, the treads and risers which should be oak or some stained or naturally finished wood.

Plate No. 32.

PORCH WITH DETAILS.

This plate illustrates a porch for a frame dwelling of moderate cost, and is one of a series, all of which are designated by the same device as shown on this drawing.

This plate also contains details of pantry, showing cupbroad in sections and construction of flour bin.

Plate No. 33.

This plate contains details for window frames, and for cellar window frames and water-table.

It is intended for one of the series of detail sheets belonging to Cottage "A," or may be used in any other connection.

The sash of cellar windows is intended to be hung at the top with back flaps. The frame is so constructed that a wire screen may be set in against the blind stop.

Plate No. 34.

This plate shows mantel for Cottage "A," with details and sections drawn to scale.

Plate No. 35.

Details of hall and staircase for Cottage "A."

This detail sheet represents a hall and staircase intended to be finished in quarter-sawed oak. The first and second floor plans herewith represented belong to one of the better class of frame dwellings.

These drawings, with the others bearing the same device, belong to the set of drawings of Cottage "A," which may be considered complete within themselves, and can be used in other connections.

Plate No. 36.

1. Design for mantel and alcove. This plate represents a design for a mantel and alcove, the mantel to be made of oak, to have open fireplace, laid up with tile.

2. Iron roof built by the Riverside Bridge & Iron Works, for Balbach Smelting Works, at Newark, N. J. Suitable for spans 20 to 35 feet. Wrought iron trusses and galvanized corrugated iron roofing fastened to iron *purlins*, to carry 30 to 90 pounds per square foot of roof surface, including wind and snow.

FORECAST OF CONTENTS OF NO. 4, TO BE READY JULY 1.

Gateway of stone with pavilion; plate of city houses with plans, interior details and exterior details of stone and terra cotta; chimneys with plans and sections; sections and details of fireplace, hearth, etc.; store front, with plans of flats above and details; plaster cornices and center pieces showing sections, all drawn to scale.



2



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In writing Advertisers, please mention "The A. & B. Monthly" and oblige them and the Publisher.

Business and Personal.

The mantels for the House illus-trated on plates 25, 26 and 27 of this issue, were manufactured by the Bradley & Currier Co., Limited, office corner Hudson and Spring streets, New York, who will be pleased to forward their catalogue to our readers on appli-cation. For their special announce-ment, see page 8. ment, see page 8.

*** The Wells Rustless Iron Co. have moved their New York City office from 21 Cliff street, to 52 John street. Their works for the manufacture of "Rust-less" Iron Pipes are located at Little Ferry, N. J., where all orders will re-ceive prompt and careful attention.

- ceive prompt and careful attention. *** L. S. Graves & Son, offices at 92-94 Liberty street, New York, have recently completed the erection of the following Hydraulic passenger and freight eleva-tors, and respectfully refer to same: Apartment Houses:--P. Braender (2), Wm. B. Frankie, Jno. G. Prague (2), Chas. A. Fuller (2), Imperial Flats, Geo. R. Bidwell, Hollywood Apart-ments, S. T. Meyers & Son, M. Stein-hardt (2).

- ments, S. T. Meyers & Son, M. Steinhardt (2).
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 Hotels :-Hotel Winthrop, St. Nicholas, and Hotel Beresford.
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 Also Messrs. R. M. Howe's Son, Johnson Bros., B. G. Latimer & Co., Vosburgh M'f'g Co., Mrs. W. S. Packer, West End Apartments, Berkely Apartments, Grosvenor Apartments, Montague Apartments, A. G. Jennings and St. Peter's Hospital (3), all of Brooklyn, N. Y.
 Also Messrs. Amos Van Horn & Co., Newark City Hall, Newark City Hospital, Muller & SchmidSt. Mit, chael's Hospital, and Heath and Drake, 'all of Newark, N. J.
 Also Messrs. John J. Dezouche Co., Limited, John Wanamaker, and Philadelphia Warehousing and Cold Storage Co. (4), all of Philadelphia, Pa.

*** PHOTOGRAPHY is certainly a most in-PHOTOCRAPHY is certainly a most in-teresting and delightful study, and the results obtained by means of the im-proved system of film photography are so beautiful, and the apparatus em-ployed so simple, it is no wonder thou-sands of our most cultured people are becoming enthusiastic amateurs. These little instruments measure but $3\frac{1}{4}x$ $3\frac{1}{4}x$ $6\frac{1}{4}$ inches., and weigh only thirty-two ounces. The Eastman Dry Plate & Film Co., of Rochester, N. Y., are the makers, to whose advertisement in an other column, we call attention.

*** MESSRS. N. & G. TAYLOR CO., of Phil-delphia, the originators of stamped and guaranteed roofing tin, in a recent communication desire to call our read-ers attention to the following facts con-cerning their special and guaranteed brand of roofing tin, the genuine Taylor old style, extra heavy coated. They inform us that it is the only brand that has stamped on each sheet the name of the guarantor—N. & G. Taylor Co. They originated this idea of stamping the brand and thickness on sheets of tin. Every box is guaránteed full standard weight. The genuine Taylor old style is, we understand, the only brand of roofing tin ever imitated and therefore must be good. Architects can safely specify the Tay-lor old style in their contracts.

Architects can safely specify the Tay-lor old style in their contracts.

THE house of which we give front and THE house of which we give front and elevations, floor plans and details on Plates 25 to 27 this issue, is supplied with the Florida heating system manu-factured by Messrs. Pierce, Butler & Pierce, of Syracuse, N. Y., who are rep-resented in New York City by Messrs. Williams & James, 60 Barclay Street.



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INTRODUCTORY TO VOL. I.

THE ARCHITECTURAL AND BUILDING MONTHLY

S intended to supply such designs as are usually found in Practical Architectural and Building

Journals, but its leading feature will be one in which many are largely deficient. There are at the present time about fifty publications treating on Architecture, Carpentry, Building and kindred arts and trades in the United States. Having had a full acquaintance with these periodicals, beginning with the publication of "Sloan's Architectural Review" and the various journals since established, it has been found that, while many are valuable for news and general information, only a very limited number are practical in design. More designs and details of a practical character are wanted. The object of this journal is to supply that want. The endeavor from the beginning will the year.



ournal of Practical Designs&Detai

VIEW OF RESIDENCE OF F. A. HINE, Tenafiy, N. J. Edward T. Hapgood, Architect, New York, For Elevations and Plans see Plates `os, 18 and 10. May issue.

be to give full value for the price, and no reasonable effort or expense will be spared to make our subscribers satisfied. See page 12 for blank order, which it is hoped those receiving this number will use, if they have not already sent in their subscriptions.

TO READERS

INTERESTED IN BUILDING. HE publisher will be glad to hear from all interested, who may re-

ceive this number of THE ARCHITECTURAL AND BUILD-ING MONTHLY as a specimen copy, whose opinions and suggestions will be acceptable. This issue is a fair sample of what the MONTHLY is intended to be, although, if possible, it will be made better and better each month. It is hoped many will show their appreciation by forwarding \$5 for subscription for the first year, if they have not already done so, or \$2.75 for a trial subscription for six months, after which \$2.25 will be accepted for the balance of

Each succeeding issue will contain from 8 to 12 plates of Practical Designs and Details to scale, giving in all, during the year, a very large amount of original and useful matter valuable to the building trades.

It will be seen that the aim of THE ARCHITECTURAL AND BUILDING MONTHLY is not to burden readers with a mass of letterpress, of which they have no doubt more than they can read, but to give an abundance of valuable drawings of Modern Designs and Details, with brief descriptions only. The intention is to make all plates so easily understood that any extended description will be unnecessary.

All subscriptions to commence with Vol. 1, No. 1, April, 1890, until the edition of 10,000 copies is exhausted. It is hoped that the A. & B. MONTHLY will be made so valuable that all subscribers will wish to have it complete. To be sure of this it will be necessary to forward names early HOW IT IS DONE. AVING issued several Practical Books on Architecture, Carpen-

try, and Building, the publisher proposes to furnish more designs each year in this journal for \$5 than he ever published in book form for \$10

This can only be done by using a portion of each issue for advertising articles used in the construction and finish of buildings, thus introducing a feature of interest to all subscribers and of value to advertisers on account of the large circulation. In corresponding with the Manufacturers and Dealers who advertise in this journal, please mention the A. & B. MONTHLY. It is not intended to insert the advertisements of any irresponsible parties.

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A LL persons desiring to subscribe for this Journal should do so only through well-known and responsible parties.

The publisher cannot be responsible for money paid for subscriptions, unless the same be sent to the office of publication by Money Order, Registered Letter or Draft on New York, or paid to an Agent having receipts signed by the Publisher, and written authority for the collection of money.

Note to Subscribers.

All copies sent to subscribers will be delivered flat or mailed in tubes, which will insure their receipt in perfect condition. KODAK

CAMER

Business and Personal.

NEW

The house of Mr. Kiggins illustrated on Plates 25, 26 and 27, this issue, was plas-tered with King's Windsor Cement, the new and greatly improved substi-tute for the old style mortar and lime York. For advertisement see page, 4 and notice that applied samples of this material will be mailed free to any address on application.

address on application. EH. HARRISON & BRO., of Newark, claim to carry the largest and finest as sortment of mantels, tiles, grates, and brass goods in the State of New Jersey. They manufacture all their wood man-tels in their large and well equipped factory, 71-73 Clinton st., and guaran-tee their work in every way. Esti-mates cheerfully given on all kinds of hard woodwork, buffets, mantels, etc., and tile vestibules, bathrooms, halls, and fireplace work. Salesroom and office, 257 Market st., Newark, N. J. On page 3 of this issue appears cut of the "Eastlake" metallic shingle, which has within the past few years at-tained great popularity and favor with architects, builders, roofers and owners of buildings throughout the United States and Canada. The "Eastlake" is unequalled for roofing and siding all loggement of the set of the sentencing and siden and siden and the sentencing and the sentencing and the sentencing and siden and the sentencing and siden and the sentencing and sentencing and the sentencing and sentencing and the sentencing and sentencing and the sentencing and the sentencing and the sent

States and Canada. The "Eastlake" is unequalled for roofing and siding all classes of buildings. It is constructed entirely upon scientific principles, with loose interlapping joints, which allows fully for contraction and expansion without any possible strain or wear on the metal, joints or fastenings. It is claimed for "Eastlake" roofs that they never leak nor wear out, and that they are of handsome appearance,

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ATTENTION is called to the advertisement of the Magneso Calcite Fireproof-ing Co., in another column. who have recently opened an office in New York, of which John McGlensey & Son are the managers.

Contents of Architectural and **Building Monthly.**

No. 1.-APRIL, 1890.

Plate No. 1.—A Design for Front Stairs and Details. Plates Nos. 2, 3, and 4.—Elevations, Floor and Framing Plans for Cot-tage A

tage A. Plate No. 5 .- Elevations and Plans of a

Shingled Cottage in the Colonial Style.

Style.
Plates Nos. 6 and 7.—View, Elevation, and Plans of a Modern Cottage.
Plate No. 8.—Designs and Details of a Model Kitchen.
Plate No. 9.—Design of Shelves, Seat, and Table Combined, etc.
Plate No. 10.—Details for Inside Window and Door Finish.
Plate No. 11.—Elevations and Plans of Three Low-Cost Cottages.
Plate No. 12.—Exterior Details of a Suburban House, shown on Plates Nos. 13, 14, 15, and 16, erected at Elizabeth, N. J.

- Elizabeth, N. J.
 No. 2.-MAY, 1890.
 Plates Nos. 13, 14, 15 and 16.—Elevations. Plans and Interior Details of a Suburban Residence.
 Plate No. 17.—Elevations, Plans and Details of a Double Cottage.
 Plates Nos. 18 and 19.—Elevations and Plans of a Suburban House in Colonial Style
 Plate No. 20.—Design for Park Entrance with Details.
 Plate No. 21.—Two mantels in Colonial Style, with Sections.
 Plate No. 22.—Three Designs for Staircases with Sectional Drawings.
 Plate No. 23.—Five Dormer Windows of Ornamental Design with Sections and Details.

Plate No. 24.—Iron Highway Bridge, and Iron Fireproof Construction of a building.



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I he change is from making to suit an unintelligent market to making a market for better products.

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FLATE 25





Staircage Planz

PLATE 26

Rail

Staircase.



PLATE 27



Vol. 1. No. 3.

PLATE 28

Vol. 1. No. 3. THE ARCHITECTURAL AND BUILDING MONTHLY. June, 1890.



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PLATE 29.

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p.



PLATE 34









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The Eureka Building Specifications Advertised on another page will be found adapted to most of the designs published in this Journal.



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