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Our Readers Say—

In forwarding a subscription... W.W. of Brimbrok writes:

"We recently received a copy of your home issue of HOME & BUILDING and was impressed with the variety and quality of material therein. As a result... Yours sincerely, W.W.

Thank you, W.W., both variety and quality of material supplied occupy a good deal of our attention and it is good to know when our efforts are rewarded with reader's satisfaction.

Mrs. A.M., of Lower Hutt, writes:

"Both copies of your magazines have been read by us and we find them most interesting reading as well as being of great assistance as to what is good design in living. Yours faithfully, A.M.

We echo your phrase "good design in living!" Mrs. A.M. is really an admirer of one of the main editorial objects at HOME & BUILDING.

From Mrs. C.C., of Dunedin, an enquiry reads:

"In a 1948 issue of Homemaking I noticed an advertisement urgeing responses for 8/ of your HOME & BUILDING. Is this still available? And do you come up plans on application? I enclose a stamped addressed envelope, awaiting your reply. Yours truly, C.C.

Since the publication of the advertisement which you mention, Mrs. C.C., HOME & BUILDING have been purchased and reissued in its entirety. Subscription rates are now 67. 25 per year or 10/- for two years. Replying to your second question, we do not supply any plan of house or are always happy to put readers in touch with a registered architect. Our experience is that by far the best and in the long run the most economical solution to any particular problem is often to consult a professional person who is able to inspect the proposed site and meet the family concerned.

D.L., of Palmerston North, seeks information about a book reviewed recently:

"Through what source can I obtain "Decorative Art", edited by Ralph and Dorothy Hasse, 1944-45, the Studio Publications, London and New York. This publication was reviewed in HOME & BUILDING, Feb-Mar, 1946. Yours sincerely, D.L.

We have made inquiries, D.L., and are now glad to be able to advise that "Decorative Art" and other Studio publications can be obtained from Messrs. R. Hasse & Co, 425 New York Avenue, Wellington. The same applies to the works published by A. Parnell Ltd., which are also often reviewed in HOME & BUILDING.

R.W., of Wellington, enquires regarding a plan published in a 1949 issue:

"I was interested in the letter of January 1, 1949, appearing a description of a house designed by Mr. T. F. Stebbing (Inc. 1891). As the details of measurements are given, is it possible to know whether these are available? Yours faithfully, R.W.

We are afraid R.W., that in this case we cannot help you very much, as the plans are published in HOME & BUILDING. It is with the intention of allowing generally how buildings are planned to solve modern housing problems.

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YOUR SELECTION FOR PERFECTION—PINEX WALLBOARDS

JUNE-JULY, 1960

FIRE!
don't let your house burn down through your own carelessness

By Kenneth Thomas

Many years ago a sickly family were leaving church at the close of evening service. The clattering procession was led by the spectacle of flying horses and the sound of fire engines. With panic and sobbing the children nestled into the mother's arms—only to find that their abode was their own dwelling and that the sound was produced by the smoke and ash which was spreading to ashes before their eyes.

At a time when many thought and care are going to home construction than ever before, there is talk about the hazards of smoking in domestic cooking. Like other accidents, there is always an anxiety to know that it can happen to the other fellow, but it is not done as often as the public would think. Such an attitude is not good enough. The idea is not to blame the smoker, but to keep fires out of the home.

I was happy to see you, and too much attention cannot be given to prevention. Even adequate insurance may not enough to rebuild after a loss of all your possessions.

Statistics prove that in an overwhelming number of cases, and though it may sound, destruction of a home by fire is due to the carelessness of the owner himself.

All over the world, fire chiefs can demonstrate that good housekeeping is largely the result of domestic fire prevention, with his home solidly built and well serviced. This may prove a week's dental bills for the owners who unknowingly saved that they are the disease and in need of every caution. Please, but how many of us stop to think of that pile of scattered magazines in the basement, or perhaps there's that book left around after company's the case.

The Fire Brigade was called to two houses in Auckland some years ago, and the cause of the blaze has not yet been found. The other house had burned completely, a year or so later the same house was set alight again, and this set the fire chief thinking. After extensive investigation it was found that the fireman said was located to a certain house in an unusual place. The roof and the house had been burnt in two fires, beginning at precisely the same moment in the evening.

IF YOU LIKE TO ENJOY YOUR INDOOR LIFE IN YOUR HOME...

- Keep an ashtray and extinguisher always where you can reach them.

- If your house is not well ventilated, keep an open window near the fire place.

- If you're foolish enough to clean clothes yourself with petrol.

U.S. National Board of Fire Underwriters.
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When you can have

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JUNE-JULY, 1939

our layout man at work

Illustration by John Holme

Many readers have been good enough, over the years, to communicate their opinions to the editorial and design staffs of HOME & BUILDING. Often our theme has been to stress the need for more craftsmanship in our industry. But we have also been pleased to learn of the many instances where the editors and advertisers have gone out of their way to discuss problems with the layout man. As with their activities, there is a great deal more involved in the process of a magazine than is immediately apparent to the casual observer. Our own experience is that it calls for an almost infinite amount of planning and effort and leaves one with a few unsolvable problems.

Aspects of production to which HOME & BUILDING gives particular attention are layout, that is, the design of individual pages, and mechanics, or the planning and execution of editorial and advertising matter. As we know a skilled and conscientious layout man.

The other day our layout man was struggling manfully to revise his story when suddenly he exclaimed: "I just can't do it!"

With no sympathy for such a situation, I asked several questions to see a quick solution—just what is the situation of our layout man at work?
Practising Members of the N.Z. Institute of Architects
(F) — E.N.Z.I.A. (A) — A.N.Z.I.A.

Wellington District Branch
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Australasian Official Photographs.

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Home & Building

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Good foliage has been shown in restricting development to permanent residences or better-class holiday cottages. Electricity and telephone services are available and all communications are excellent owing to the situation and the ground is suitable for irrigation. Prices range from $350 to $600.

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SAINTMORE BAY

Home and Building
Edited and produced under the auspices of the New Zealand Institute of Architects.

The Case for Home Ownership

In these days of short, sharp living and shallow thinking, of economic distress and deprivation, it is wise to re-emphasise and remould the policy of individual home ownership. Traditionally, one of the main objects in life was to own one's own home. This still is the object of many young people. We believe that it is a worthy object—one which deserves sympathetic cooperation from Government, and people, from local bodies, building industry, employers and financial institutions.

Affordably, there will always be a need for rented houses and flats. Young or older people, old people and those whose calling involves frequent transfer of location will require estate or private rental homes. Perhaps there must always be those who, with the best will in the world, cannot purchase their own homes. Possibly they should be assisted by some housing scheme (though the HOME & BUILDING position is in a recent editorial that the N.Z. state housing programme had largely failed to cater for this sector).

However, the great majority of the community—the country in steady employment, the skilled tradesman, the businessman or professional men, is really under no greater disability in owning his home than in renting it. High building costs must often render as much as $10,000. The accepted proportion of income allowable for rent is 23%, or one day's pay per week. This means that the executive on £1,000 a year should obtain a suitable home for £4 a week. Can he do not.

It means also that the man on £5 or £10 a week finds no financial handicap about having a house for £6 to £8 a week. Can he not? It will generally cost more today to rent, as it will to buy, but the old argument still holds that after twenty-five or thirty years one family owns the house, thereby depreciating and thus probably appreciating, the other owner only a rent-back.

Apart from economics there are other highly important considerations. Individual ownership of home, land or house has always been the strongest guardian of a stable and integrating community. From his days when his parents provided was the strength of Rome, to those when British nations defended their homes over oceans or where the “pioneer boys” cleared Forests and felled the trees, the idea this principle has been, The Thirteen and the power which alone society always rests upon ownership of property. The idea of “a stake in the country,” of a “property-owning democracy,” with all the personal and community responsibilities which it implies, is one of the surest safeguards of our civilization. In a very real sense, today our future lies in every properly owned home.

It is HOME & BUILDING's policy to promote individual ownership of homes and to help to ensure that the homes will be the best procurable in design and structure expressive of their personal personality and constructive in their individual fullness.
Be smart and modern — choose Wallpaper

Wallpaper gives you modern, colourful effects you can get no other way

Colour is something to be lived with and enjoyed . . ., and wallpaper brings colour, warmth and beauty into your home. Even when decorating a very old home, wallpaper brightens tired-looking, cheerless rooms and creates an atmosphere of luxury.

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“now for October eyes” — Hamilton Wells

Fireplace and chimney breast of Porcelain stone, with marble hearth and built-in seat box, at Mr and Mrs Keith S. Huntley’s St. Heliers Bay home, which will be reviewed in a forthcoming issue. Architects C. Irvin Croker, B.Arch.
conservative - in brick and tile

MR AND MRS L. G. CULPAN'S HOME
IN CATHEDRAL PLACE, PARNELL.

An imposing development of a low setting, but with only a 27 ft. frontage, this house was originally designed as a four bedroom house for two families, with provision in the plan for converting two of the bedrooms to flat and dining-room respectively at a later date.

Redesign and changes in family arrangements have altered the original intention, but the elements of deep verandas and a built-in facing in the ventilated basement space have resulted in an attractive exterior, and

Full advantage was taken of the slope of the ground with the ultimate object in view and the home is also included in the frontage.

The house is on the high ground in Parnell and the main entrance is reached by a substantial metal-clad carport across F circulated key to the North Shore.
June July 1929

Quite a treasury was required in the planning to achieve a decorator approach in the back door and deal with character around levels otherwise pleasing as always reasonably staple items and best points satisfactorily in operation.

Concentration of planning, the use of brick and tile, decks hung windows and ample light, together with basic proportions and on the pattern had personal obligations to an open interior, and the decorative effects of heating, too, all combined. All the built-in furniture was designed with the house, all doors and storage furniture finished in the pattern wood and other surface treatments.

Painting and treatment of doors in the main rooms have regulating panels over doors to receive necessary air ventilation when the weather is unsuitable for having the doors open, and a wide provision to be made above required places from sun and rain. During to conditions on the use of other models of the line as doorknobs and drawer- pulls were constructed of a specially non-alloy.

Kitchen and laundry are fully equipped the later having given access to linen storage. Acres can be put away directly from the boiling table and the kitchen pipe from the hot water cylinder to the baptismal is carried up through this element to provide storage space.

The large window areas high and neat provision of course essential and all blinds are fixed throughout.

Rooms are tastefully furnished and colourful with a satisfactory grouping of plate and fitted and wall furniture. The ground of the rear of the house is composed of land to include an elevated kitchen garden, fringes and a few native trees and with the slope from rear of the front garden, very sufficient outlining of the house in ground relationship. In easy to keep in order and provides pleasant surroundings for a comfortable home.

Upper Left, the Second Bedroom, showing built-in furniture. Far Left, A Corner of the East Terrace Recreation Area. Next Left, Bathroom in Penta-Terraced, with toilet table and large mirror. Top Right, First Bedroom. Built-in furniture is uniform in detail with that in other bedrooms. Middle Right, Stained Steel, Dining and Drying Space in Kitchen. With 3-way Telephone Access just out of this picture. Lower Right, looking through the lounge to the dining room.
Sydney Architect's Home Awarded
Sir John Sulman Medal

Mr. and Mrs. Albert H. A. Horsman's home in Sydney, which is a modern residential school of Sydney, was last year awarded the Sir John Sulman Medal for the design of a domestic building of exceptional merit, completed within the previous three years. The house, which is award-worthy for different types of building in Australia, is of modern design. The house is of modern design. It overlooks the beautiful valley of Darcy Creek and the plan was designed to provide as much natural light as possible and to take full advantage of the view to the north of the valley.

There are two bedrooms, a combined living and dining room, a study, kitchen, bathrooms and laundry. Each room has its own bathroom and laundry, face north and receive daylight all day. The living, dining and sleeping quarters are connected while the interior is naturally Ellenby. The combination living and sunroom, and the bathroom, are designed with a dining area, plenty of cupboards, double entrance doors, and concrete floors. It opens out to the local area and the garden. The bedrooms have built-in wardrobes and open out onto the garden.

The house reflects Mr. Horsman's love for living in a residential area and its elegance in modern living. The whole house is designed to suit the climate throughout most of the year.
Four Flats in Christchurch


The building is now 51 ft. long, with an area of 1950 square feet. Plans however, provide for the addition of a third bedroom on the southern end and a garage to the eastern end, bringing the total length to 72 ft.

Exterior walls have been built in the right size to give protection from the sun. Over the porch, the roof has been extended in the form of a projecting portico for pergola and seat.

The exterior finish consists of flemish bond, scored with half bullnose during construction and then painted with a synthetic sealer paint a warm brown colour, which gives a very light grey finish. All windows and doors are in gum trees. The woodwork and doors are painted white in contrast with this colour. The rendering is to the terrace which has been built as in most of the houses of a modern function, rubble appearance, and which has been obtained from the area. The exterior double and the whole house is in the style of the American work. A mask of mount and posts and photograph, which house succeeds in integrating house and garden, providing for outdoor living in a way which could not be readily emulated in the first years.

The walls inside are of one-piece finished cement-rendered plaster. Both walls and painted woodwork are pale grey, which gives a feeling of spaciousness as a background for kitchen colours and furnishings. The kitchen's layout, entrance hall and study are of polished yellow wood. The timber has been cut and finished by white laths, for doors open and sliding doors, which cover doors and other doors. The doors inside are of high glass, with glass panels and painted grey, with heavy-duty hardware of the black type. All necessary.jpg endings and fittings have been selected. There are no picture rails or ceiling cornices and door panels have been reduced to a minimum.

Photographs by V. C. Brown.

This block of four flats, for Miss Oriana Cawkell, is on a corner site facing Common Square, in the heart of Christchurch. Architecturally it is characterized by simple bold masses and compact planning. The two flats at the southern end of the building have been brought forward to obtain their share of sun.

Each flat is 360 sq. ft. in area and contains a large living room, two bedrooms, kitchen with meals above, two rooms, etc.

The building is tile brick and finished with 9" x 1" vertical black and white brick. The tiles are the same layers of fabric and the whole building is painted white.
A house which hugs the earth

ARCHITECTS: Wilson, Maddie & Gilmore

Mr. and Mrs. C. B. Spright's house is built on a slightly sloping site, the position of the house being determined to an extent by natural contours because the position was valued for its view. Therefore, it was possible to excavate right down to the site of the house and lower the window level to within twelve inches of the ground. There is a view of the kitchen from the main room.

Plans: Because of the view, the living and dining rooms, towards which the windows open, were placed on the east side of the house, the living room opening onto a veranda to the north, which is reasonably private as the house is on a rear location. There are two bathrooms with provision made for the addition of a third. The present area is 1,500 sq. ft.

Structure: The outer walls are brick veneer with white sheets of plaster, except for the Ends of every floor. All interior partition walls are lined with insulating plasterboard and painted with a paint finish in kitchen, bedrooms and w.c., and bathroom. The woodwork in the living and dining rooms and entrance hall is of a firwood match. An interesting feature is the seeded glass partition between hall and living room. This adds to the effect of space and the same glass is used in the sliding doors to the dining room.

Photographs by Speer's Industrial Studios Ltd.
Here a Home was Created

By Kenneth Thomas. Photographs by Spearow Industrial Pictures Ltd.

It is related that a manorial line of a house in Victoria, referring to the site of one of the early gardens, runs like this: "She planted her little bed on the site of Victoria, and the wild-was converted into a house." This old section today is now an avenue of picturesque and manicured terraces and READMEs by Mr. and Mrs. E.R. Pilkett, of Tallow, Mr. Pilkett, the many of the details a worker in bloom, but would now be on record with the admission that the garden is almost wholly the imaginative work of his wife: "It is the garden is a lovely man to plant a garden and beave sake around or not even..."

The garden here is a work of art. The house itself is most happily placed in that it is almost on the cliff edge, enshrined with a superb view of the blossoming Cranmer and Herold Gull. The comfortable lounges floor is covered by these magnificent carpets, the hands of the industry of Mrs. Pilkett, who shares

June-July, 1980

With Queen Mary a fine for unlimited shopping and rambling. Indeed, she has a gilt prospect over the Rambling garden is designed to hold the mass of flowers to service as much as possible. The terrace and balustrades over the people and the borders are filled with nasturtiums.

The lower right-hand photograph is a view from the right corner, showing a boundary of wild fern and the beginnings of a Rosary hedge, while the old Eucalyptus hedges on the left forms a natural shelter for climbing vegetables. An invited dinner bath is placed near the steps.

Growing against the side of the house are numerous varieties of vines from the South Pacific. The going out of bambos was quite a problem back, but now in the place blooms hibiscus borders and flowering vines—all this backed by a magnificent manor at the head of an ocean lagoon. Much of this section shown in the photographs was built in the style, but wisely and not too morailly but full in a glorious sky of natural perfection.

From the entrance, forming a delightful walk to the house, all kinds of shrubs support the winding path which opens into the garden itself. An area for vegetables is set up behind a Norfolk Island Palm. It is interesting to recall that Mr. and Mrs. Pilkett's garden was awarded third place in the class not exceeding a quarter of an acre, with no restriction on planted flowers. In the Queensland Provincial Orchard Relations Office, 1980 Garden Competition.
Some Dramatic Flower Arrangements

The Coca-Cola Company.

Flower arrangements, as we have heard and read, have been around for centuries. Now, in an introduction to the second volume, Richard H. Wright, Editor-in-Chief of "Flower Arranging" and Chairman of the International Flower Show Committee, refers to the increasing role of flowers in home decoration and the growth of flower arranging as a cultural interest.

These arrangements, excellent though they are when made with fresh flowers, are often too complex. As H. L. Hambright says, "You do not have to have the same flowers that we have used. The same arrangement, perhaps the flowers will remain the same arrangement. The same plants but different ways of using plants." The arrangement is what makes them interesting. Be careful—these arrangements are only as good as the ones you make out of the same flowers. Every arrangement must be made with care and attention to detail.

Before you start, collect your tools and accessories. You'll need scissors, rubber bands, and tape to hold the stems together easily. Be sure to have a variety of sizes and shapes for your arrangements.

1. CITRUS PLANT: These small-leaved flowers are really the leaves of the plant and are arranged on a long stem to give them more height. The stems are arranged in an American pottery bowl. The little flowers were placed on the stems and the "flowers" turned so five stems were placed in the bowl, the leaves of the plant giving a dramatic effect. All the stems were placed in a single pot, and the "flowers" turned so five stems were placed in the bowl, the leaves of the plant giving a dramatic effect.

2. CORN AND IVY FLOWERS: For corn stalks and ivy, a container with a smooth, clean surface is used. The flowers are wrapped in a smooth, clean surface and placed in the vase. This is a very versatile arrangement and can be used for a variety of arrangements.

3. ORCHID AND HIBISCUS: The orchids and hibiscus are arranged in a vase with a smooth, clean surface. The flowers are arranged in a smooth, clean surface and placed in the vase. This is a very versatile arrangement and can be used for a variety of arrangements.

4. LILY AND TULIP: The lilies and tulips are arranged in a vase with a smooth, clean surface. The flowers are arranged in a smooth, clean surface and placed in the vase. This is a very versatile arrangement and can be used for a variety of arrangements.

5. CACTUS AND FERN: The cactus and ferns are arranged in a vase with a smooth, clean surface. The flowers are arranged in a smooth, clean surface and placed in the vase. This is a very versatile arrangement and can be used for a variety of arrangements.

6. ORCHID AND HIBISCUS: The orchids and hibiscus are arranged in a vase with a smooth, clean surface. The flowers are arranged in a smooth, clean surface and placed in the vase. This is a very versatile arrangement and can be used for a variety of arrangements.

7. LILY AND TULIP: The lilies and tulips are arranged in a vase with a smooth, clean surface. The flowers are arranged in a smooth, clean surface and placed in the vase. This is a very versatile arrangement and can be used for a variety of arrangements.

8. CACTUS AND FERN: The cactus and ferns are arranged in a vase with a smooth, clean surface. The flowers are arranged in a smooth, clean surface and placed in the vase. This is a very versatile arrangement and can be used for a variety of arrangements.

9. ORCHID AND HIBISCUS: The orchids and hibiscus are arranged in a vase with a smooth, clean surface. The flowers are arranged in a smooth, clean surface and placed in the vase. This is a very versatile arrangement and can be used for a variety of arrangements.

10. LILY AND TULIP: The lilies and tulips are arranged in a vase with a smooth, clean surface. The flowers are arranged in a smooth, clean surface and placed in the vase. This is a very versatile arrangement and can be used for a variety of arrangements.
the cultivation of perennial plants


In the cultivation of perennial plants a number of the

Valuable imported in the title of the soil. "This

sample with special soils to every class, whatever local, perennial or

periodical in the manner of the soil. It is the

variable rule is to make a beginning that succeeds in the

very least would appear to be more than had expected.

The soil is thoroughly broken and manured, but the

thoroughness and the exposure to the influence of

climate. To his first ball-fins with the

perennial flower border the soil is always to

amendations as he is in the name of Roads or Dwellling,

but not in the name of Roads or Dwellling in so much as help in

the same. In some cases the soil where "well done is

always done" must apply for once in a hundred

years to the profession of dissection and analysis for the

long time. Moreover, what a border was or later to

be a flower border or in the name of Roads or Dwellling

more easily and more economically if understood and

practised than the false proportion of the soil must be returned to

the first. For treatment or entirely new flower

the garden and the garden as it may be called a

shrubbery border, a patching in the presence of

the kitchen garden program or what often happens—a piece of

nests around a corner into the garden still

Continued on Page 50

all manner of tables

By W. A. Ross, B.A., B.A., H.M., F.R.I.

"Special Occasion!"

"Elegant Occasion!"

"Cocktail Occasion!"

"Informal Occasion!"

In contrast to the columns which are the permanent embellishments of our beds and seats there are temporary places of tables for our dining tables. The tables can be found anywhere with a few steps for putting down things for the most immediate of which the diners have not time to sit. The tables are made up of the importance they were, why are they made? Are they a piece of immortality, or is it an

idea? This is the first observation in this article.

The second consideration is in the other way we want to

use the tables as an opening or closing part of our

proverbs. In which case we now how not only the height, but also the

dimension of the table in which we are supposed to use them without our

necessity. This is a very important accent, because the basis of the

table's position is not only the height of the table, but also the

position of the table which may also be more freely discussed.

All these systems are more and more systematically thought out in the case of

dining tables, but just think of dressing tables or work

benches.

I think I have to modify the above observation to the

dining table situation. When we buy a table specifically to

be a piece of immortality, why are we perhaps supposed to pass it on to

our children? It is a very rare to have a table that is solid enough to

do so. I am not going to say anything about the dining table and Base keeping our floor

benches.

There are many important factors in selecting tables to

start with, the influence of the table is the most important. The most

popular seems to be the height of these tables is one of the most

important.
OKOROIRE WAR VETERANS’ PARK ARCHITECTURAL COMPETITION

The N.Z. Buildings Board, in conjunction with the Centenary of the Building Industry, held a competition for the design of a war veterans’ park at Okoroire, near Masterton. The competition was open to all citizens of New Zealand who had served in the First World War. An idea of the site was given by Mr. A. M. C. M. V. H., and the project was opened to Mr. D. W. Boy, Architect, and the second to Messrs. Godley and Godley, A.M.A.N.Z.I.A., of Wellington.

We reproduce here a photo of the prize-winning drawings. On the left is the layout of Mr. Boy’s design, which is for the layout of the entire blocks and lots of the park, including a typical cottage and an superintendent’s house. On the right is the layout by Messrs. Godley and Godley.

In their design, the winners point out that the layout is of permanent importance, as it provides economy of administration and all services such as drainage, water supply, electrical-light, heating, etc., as well as ample recreational and comfort of the various people with ease of accommodation. They state the layout and all the different buildings properly, giving marks to each one of the design.

Continued on page 49.

ELEVATION OF ONE OF THE SEVEN SIMILAR VILLAS

ELEVATION OF TYPICAL COTTAGE

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GROUND FLOOR PLAN

This small commercial building was designed for a printing firm in Christchurch and is constructed with a reinforced concrete frame and cavity brick walls. The main printing portion is a one-storey portion at the rear and offices occupy the two-storey portion facing the street. The front wall is recessed back from the street line and surmounted by a concrete canopy. The clean line elevation is emphasized by a play of materials and colours. The edges of the canopy frame and balustrade and steel window frames are in white, and the soffits and recesses of the canopy frame and balustrade are in pale greys. On the ground floor glass blocks light the lobby and the anteroom having walls and doors lined with Caxton's marble. The walls beneath the window sills are in tongaite. The walls are well ribbed with black iron facing.

Columns play a significant part in the interior, with contrasting colours on different walls.
Art in Industry

By Alex Davis, Editor of "Design"

Attention to appearance is an important part of industrial design. This, of course, has long been realized in the decorative arts industry, where satisfaction is directly reflected by style, design, and materials. However, recent developments in industrial design have made it possible for a body-designed machine to have a modern appearance, which has not been previously possible.

To the casual observer, who is still uncertain whether design for machinery will ever be utilized in his work, it is difficult to understand how the creation of a new design can affect the weight and size of a machine. The answer lies in the fact that, in many cases, the design of a new machine can affect the weight and size of the machinery itself.

Cutting Costs

There are, perhaps, many clients who do not realize that an appearance can be 'cut to size' by designing a machine. An example of good design is the manufacturing of machine tools. I have seen recent models of the electric punch and the electric shears where the size and weight of the tool have been reduced by the use of modern designs. These advantages are not only apparent in the machinery, but also in the factory. A machine designed with the idea of reducing weight and size will not only be more efficient, but also more economical.

Simplified production, resulting from a rational approach to the design problem, is a new motive for the world's manufacturers. In the past, a machine was designed to suit the individual needs of the customer. Today, production of a machine can be simplified by the use of modern materials and techniques. The result is a machine that is more efficient, more economical, and more pleasing to the eye.

New Materials

The use of new materials in industry has been discussed, but the last decade by developments in fabric design, has shown the advantages of modern materials which manufacture in some countries have improved. Since World War II, fiber and canvas, the two most popular materials, have been used in a number of industries, and new materials are being used in all of them. The advantages of these new materials are many, and the possibilities they offer are endless.

The Home

JUNE 19, 1956

A PLEASING STREAM-LINED CONCEMNT SIT DESIGNED AND MOLEDED IN LORRY BLUE OR CHAROCAL USING DREA-FORMALDEHYDE MATERIAL.

HAND-PAINTING FLOWER DECORATIONS ON POTTERY IN A STAFFORDSHIRE FACTORY.

A CONCEPTION OF CARPET DESIGN IN THE SAME ROOM OF A UNITED KINGDOM FACTORY: THE IMPORTANCE OF INDUSTRIAL DESIGN IN REDUCING COSTS AND IMPROVING PRODUCTION AS WELL AS GIVING THE FINISHED PRODUCT A MORE PLEASING APPEARANCE IS RECOGNIZED BY THE MAJORITY OF EUROPE'S MANUFACTURERS.

An example of modern United Kingdom furniture design is the service cabinet which can be used as a sideboard or table. The cut-back panels of the cabinet form the transparent glass top, and the five panels pull down to provide upholstered seats. A conversation on carpet design in the same room of a United Kingdom factory: the importance of industrial design in reducing costs and improving production as well as giving the finished product a more pleasing appearance is recognized by the majority of Europe's manufacturers.
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TOWN PLANNING IN NEW ZEALAND
5-CONCLUSIONS

BY MADIE W. FOWE, B.A., DIP. T.P.

---

ONE OF THE MOST FRIGHTENING REQUIREMENTS FOR PERMIT GRANTED UNDER A TOWN PLANNING SCHEME WHICH IT CAN BE DETERMINED TO WHAT THE PROPERTY OWNER FINDS IT

TO UNDERSTAND, IS THE CONVERSION OF THIS COUNTRY INTO A NETWORK OF NUCLEAR SUBURBS. THIS WORK IS DEPENDENT UPON THE ULTIMATE DENSITY OF POPULATION BEFORE A DECISION CAN BE REACHED. YOU MUST REMEMBER THAT WHEN SUBURBS ARE FORMED AND MULTIPLE SUBDIVIDED TO THEM, AN ESSENCE OF THE THEN POPULATION IN PRECESSION WITH THE NUMBER OF PEOPLE WHO CAN BE HOUSED ON IN THE AREA INDEPENDENTLY BEFORE THE SEPARATION OF HOUSES BECOMES NECESSARY, CAN NOT BE SNAPPYED.

IT IS THE PROPERTY OF THE TOWN PLANNING THE UNIT裡 SPECIFIED FOR THE HOUSE SUSPENDED IN THE AIR. THE GAME OF THE WINDS COULD NOT HAVE BEEN THE IDEAL, AND TO RELIVE THEM WITH OTHER FAMILIES WOULD ADD AN ECONOMICAL HARMONY TO THE TREE CONNECTION. THIS IS POSSIBLY NOT ONLY THE PATTERN NOTED BUT THE BEST THAT SEEMS TO MEET THE DEMANDS OF THE ECONOMIES OF THE ECONOMIC UNIT.
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**Step 3.** Slip hooks (or rings) into pockets, turns over fashion. No stitching is necessary. Use rings for real, hooks for curtain runaway.

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“Service Is Our Business”
Art in Industry and the Home

Continued from page 41

Art in Industry has been recognized as an important field in the design of furniture, housewares, and household items. The use of new materials—specifically, synthetic ones—has revolutionized the industry, creating a new aesthetic and functional approach. The result is not only a shift in consumer preferences but also a significant change in the way designers think about their work.

Plenty of Scope

The problem of filling the industrial designer's role in the existing market of industry is one that must be faced. There are some industries in which the typical manufacturer produces a steady stream of new models or new versions, and two people fulfill them employing the designer as a consultant or designer on the staff. But in industry as a whole, there are more lines which, while only one or two strong products, are only ones in five or ten years are these products restandardized. For them, there would be no turning because of the staff itself, or it would be a real creative ability. If there is only a job of work for him at intermittent intervals. In such cases, the best solution is to use the services of a consultant or freelance designer on a per-basis. In either case, it is likely to be a better solution than to depend on any one of his clients, but on the other hand he has the advantage of wider experience and may be able to make one industry's problems with solutions from another's experience.

In the present, and in the foreseeable future, the designer and consultant-designer are complementary rather than competitive. The industrial designer provides a great deal of inspiration to the industrialist, and the industrialist provides plenty of scope for both of them, and fortunately, it is encouraging to realize this fact.

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MANUFACTURED BY N.Z. FENCE & GATE WORKS  JACKSON STREET, PETONE
THE CULTIVATION OF PERENNIALS

Continued from Page 34

The cultivation of perennials is a fascinating and rewarding aspect of gardening. Perennials are plants that live for more than two years and can add color and interest to the garden throughout the season. Proper cultivation techniques are essential to ensure the health and growth of these beautiful plants. Here are some tips to help you cultivate perennials successfully.

1. Soil Preparation: Perennials require well-drained, fertile soil. Before planting, amend the soil with compost or well-rotted manure to improve its structure and fertility. Ensure the soil pH is suitable for the specific perennials you are planting. Some perennials prefer acidic soil, while others thrive in alkaline conditions.

2. Planting: Choose the right time to plant perennials, typically in spring or fall. Dig a hole slightly larger than the root ball of the plant, and place it at the same depth as in its pot. Fill the hole with soil, gently firming it around the roots, and water thoroughly.

3. Watering: Water new perennials thoroughly after planting to help settle the soil around the roots. Water perennials regularly, especially during dry periods. Avoid overhead watering as it can cause fungal diseases.

4. Fertilizing: Perennials benefit from regular application of a balanced fertilizer. Use a slow-release fertilizer in spring and early summer, which will release nutrients slowly and help sustain plant growth throughout the season.

5. Pruning: Prune perennials to maintain their shape and promote healthy growth. Remove any damaged or discolored leaves, and cut back flowers to encourage new blooms. Deadheading will also help extend the flowering period of perennials.

6. Propagation: Perennials can be propagated easily by division, cutting, or seed. Division is a common method, especially for clump-forming perennials. Cut into individual plants, replant each one in a new location, and water well.

7. Pest Management: Regularly check perennials for signs of pests or diseases. Remove damaged leaves promptly and treat any infestations or infections with appropriate pesticides or organic remedies. Rotating crops and practicing good garden hygiene can also help prevent pest problems.

By following these tips, you can cultivate a vibrant and healthy perennial garden that will provide beauty and interest for years to come.

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JUNE, 1923

a complete saturation of all the air in solution in it. In wattle-house with a spigot it is not necessary to direct the flow of the water at the middle of a point. It is the soil that requires saturation, and the plant will be greatly stimulated by a serene look at the soil. The soil must be left bare.

Special Bedding: Inoculum Primordia. The soil cannot be too deeply cut nor well watered, and plenty of moisture must be given to the root system. The soil should be quite s. It is in an established plant. Cuspidus Maniforme should be cut from the root of water at all times.

When to plant: The best times are March, April, and the earlier the better. This is at present in the minds of the growers, and the wool is being offered at a very low price. The plant has an almost inexhaustible rootstock. The right kind of plant is the one that is capable of forming a large root system. The plant should be planted at least two weeks after the weather. Plant about 2 ft. apart, and 1 ft. in a good soil. It is a very slow process.

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In the words of the editor, "the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is that which is the most suitable for the house, in any material, is 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