BEFORE THE SHOW OPENS

PREFABS BREAKING RECORDS AT B.I.F. Prefab firms showing in BIF's 'Transportable Town' began erecting their house exhibits at Earls Court on Tuesday this week. By Wednesday night four firms had their buildings complete - Newsums of Lincoln, Neata of Cheltenham, K-D Homes of London and Booths of London.

Photo-taking facilities are laid on at Earls Court for all interested. Please ask for Mr. Martin, Room 60, at Earls Court or 'phone FULham 1234 extension 16.

REPORT ON B.I.F.

1. All information , catalogues, plans etc. please find in duplicate as Paramount did not turn up and I assumed Movietone were again acting for them.

2.The ~~coronation~~ Royal route as marked on plans has been lit to suit John Turner with the addition of a 5K. at stand R.418 (approx centre) for walking shot on Royals.

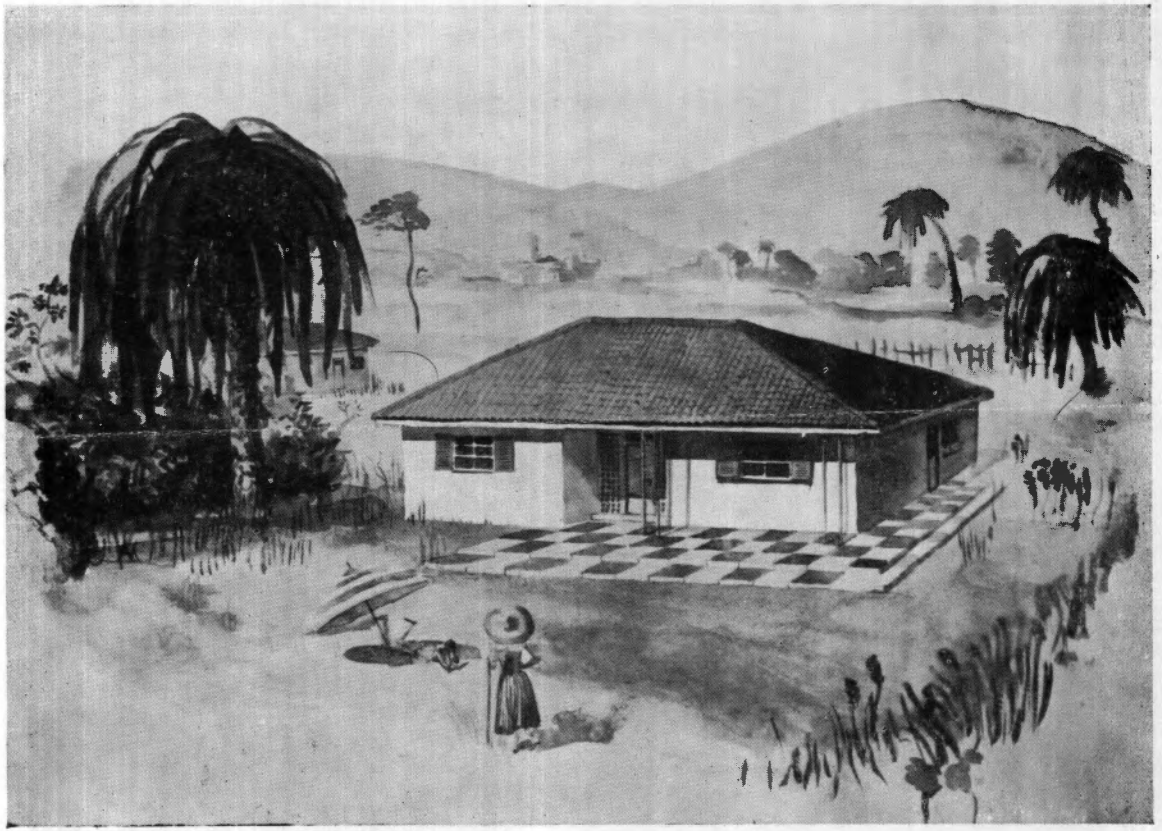
3. One 2 K. and One pup has been laid on for areas around stands R803a to and R 907. Collars through the ages featured busts of Henry VIII, Sir Winston Churchill, The Duke of Edinburgh, Disraeli and many others all moving on a turn table. The second stand has Mamaquins who will show off Wool and bathing costumes. Other stands may also be of intrest in this area.

4. On the Royal Route John Turner will feature the Royals at the Model of the Coronation route. The lights in the Northern Ireland stand can after be used in the Commonwealth Section (Next door)for those who want to.

5. In the upstairs department the Royal route is marked on plans, and stops will be made at prefabs. One we have picked John Turner has fixed Three cans inside one as marked and two 5Ks outside for G.V.s both for the Royal Cameraman and ourselves.

6. To get G.V.s after,the 2 5Ks can be moved to side of balcony. The lights inside the house we can use ourselves.

7. It has been suggested that in order to shoot some of the material before the Royal visit the cameramen start at 8 a.m. and then finish off after the Royal visit in the afternoon, I fell in with the idea as May the 6th. falls on a Wednesday and nobody would be concerned in getting back with the material.



FILLERY

Vacuum Cleaner-Floor Polisher

The World's First Household Combined Machine

Will Also Scrub Floors

The combined vacuum cleaner and floor polisher has been awaited for a quarter century by housewives the world over.

It has now arrived and makes its first appearance, appropriately, at the B.I.F. Earl's Court, April 27th - May 8th on stand W.6, Fillerys (Great Britain) Ltd.

Not only will this latest combined household appliance clean and polish as well as the best, but it will actually scrub floors.

The demand for a dual purpose machine has been known since vacuum cleaners and

floor polishers came into popular household use 25 years ago. There were, however, many difficulties to be overcome. Apart from the obvious mechanical problems, there were many of efficiency and economy.

This is what has now been accomplished:

Price ... £22. 10. 0. plus purchase tax in the U.K. is that of a high class household vacuum cleaner. Thus the housewife gets two necessary domestic appliances for the price of one.

Weight ... Approximately that of a first class vacuum cleaner.

Size ... In these days of contracting living space, it takes up no more room than a popular cleaner.

Easy use ... It has all of the foolproof, back saving, foot operated switches of the latest vacuum cleaner.

In fact it looks like any one of a number of the latest, streamlined, upright vacuum cleaners. Attractively, honey and maroon coloured, there is a searching light on the body of the machine to illuminate dark and difficult to get at places. A foot switch adjusts the upright handle, so that the Fillery can be used for any of its three fold purposes .. cleaning, polishing or scrubbing .. without shifting heavy furniture.

In combined use as a cleaner and polisher, this Fillery product has the advantage of cleaning before polishing, without extra effort. The beater brushes of the cleaner, preceding the revolving polisher brushes, vacuums up dirt and dust before floor is polished. Incidentally, three times normal life of the cleaner brushes are assured by a simple adjustment, which brings them closer to the floor as the bristles wear.

A powerful motor ... fully guaranteed ... operates both cleaner and polisher. Both actions can be used simultaneously or operated independently by a simple flick of a switch.

When used as a vacuum cleaner, the two large size, revolving polisher brushes are withdrawn and remain stationary, so that they do not touch carpets or fabrics.

The dustbag is made from maroon corduroy material specially developed to Fillerys' specifications. While allowing free flow of air from the powerful vacuum suction, the nap of the corduroy positively holds all dust inside. The hitherto tiresome business of emptying the bag is effected by a single movement of hand clips.

Simple, snap on lambswool pads fit over the revolving brushes for the final polish. A soft, plastic guard at the front and sides of the machine protects furniture from bumping damage.

When used as a scrubber, the vacuum cleaner is switched out of action and a detergent impregnated pad placed over the cleaning aperture and the polishers are replaced with scrubbing brushes. Thereafter, it is only necessary to put water on the floor and to move the Fillery cleaner-polisher, now a knee and back saving scrubber, across it.

THE FILLERY CLEANER-POLISHER IS MADE IN BRITAIN. The first Fillery cleaner-polishers are being exported. Supplies for the home market are anticipated in June.

Beautiful, coloured literature is now in course of preparation and a postcard to FILLERYS (G.B.) LTD., *41 Sackville St., London, W.1. will ensure that your copy is mailed to you.*

BRITISH INDUSTRIES FAIR

(April 27 to May 8, 1953 - LONDON AND BIRMINGHAM)

PREFABRICATED BUILDINGS
Earls Court
London

This is a new section at the BIF provided by an industry that has made rapid strides during the last three years, especially in the export markets where there is room for great expansion.

The following paragraphs have been compiled from information supplied to the Press Office by exhibitors. While the information given is believed to be correct journalists are invited to check the facts for themselves, telephone numbers being given to facilitate checking.

BUILDINGS EXPAND WITH THE BUSINESS. Buyers can buy the standard buildings in the initial stages and later extend floor space by adding further standard multiples. This new range of "APEE R.S.40" buildings is at the moment made in 3 standard designs of 40ft., 50 ft., and 60 ft. span models. All of lattice portal frame design they are made on a unit construction basis so that although the standard building is 100 feet long (eight bays of 12 feet 6 inches), buildings of either greater or lesser length easily can be supplied, made up of the standard 12 feet 6 inches multiples. These buildings also can be erected sideways, making multi-span units; thus making sideways expansion as simple as lengthwise.

Deliveries of 7 days f.o.b. can be offered from stocks of standard units packed and bundled ready for export.

Overseas merchants can order for stock, for example, a unit 100 feet long. If an order for a building 50 feet long is received the merchant can supply from his stock and then re-order parts and materials to augment the remaining stock to the original quantity.

Firm can supply at low cost a complete erection kit consisting of a small prefabrication erection mast, chain block, guide ropes, spanners and other necessary hand tools. This is of interest for areas where no tools and equipment easily are obtainable. Standard lining of approved wallboard is available for all types and sizes. Heavy foundations are not necessary and erection is said to be speedy.

All Purpose Building Co. Limited,
Sudbury, Suffolk.
(Sudbury, Suffolk 2924)

EUROPEANS RESIDENT IN TROPICS can have first-class, architect-designed living accommodation with excellent insulating properties.

The "Ubique House" components are mass-produced and designed so that many different plan arrangements can be made; it is a bungalow that is easy to erect by unskilled labour and is easily transportable.

External size is 30 feet by 30 feet including the verandah, while addition of 6 feet bays will provide a building of any required length. Ceiling height is 9 feet and total floor space, excluding verandah, 730 square feet for the 2-bedroomed house. The Ubique will support its own weight plus a snow load of 10 lbs per square inch and will withstand a wind force of 80 miles an hour.

Assembly and connections are carried out with hand-tools only, the tools being provided with each set of components. Frame or cladding can be supplied in varying materials to suit any local condition. Windows and doors are normally supplied in Tanalised timber for termite resistance but metal can be supplied if requested. Fly screens can be supplied, as also can prefabricated floors. All component parts are lightweight, no component being heavier than can be handled by 2 men. Roof space is ventilated and fresh air inlets will be provided to suit local requirements.

Domestic application. One house comprises (a) full components for frame, walls, roof and ceiling; (b) prefabricated plumbing system including cold and hot tanks; 2 immersion heaters, etc.; Octopus electric system - 8 light points, 6 power points; living room fireplace; stainless steel sink and cupboard unit; cooking stove; refrigerator; kitchen cabinets; bath; basin; W.C.; anti-termite and white ant barrier.

The firm's other Coronation BIF exhibit will be the "Ovaltent" which looks like a marquee made from aluminium. Its light, rigidly constructed roof and wall panels are claimed to give practically everlasting service. When dismantled it is very compact, the panels nesting together. The Senior model occupies only 70 cubic feet of space when packed and crated. One complete 'Altent' can be carried on a small hand-trolley. Eight of them can pack on a 3-ton lorry. Three unskilled men can erect one in an hour. Dismantling takes 30 minutes.

The Standard Senior model consists of a door and 17 wall panels (13 gauge aluminium) and 18 roof panels (14 gauge aluminium). Commercial grade aluminium CGA is used for the core of these panels, but each surface has an outer skin of 5% thickness of pure aluminium, being resistant to corrosion. The Senior has a diameter of 14 ft. 4 ins., a height of 6 ft. 7 ins. to eaves and of 10 ft. to apex. Its floor space is 160 sq. ft. (another model has floor area 270 sq.ft.). Total weight is approximately 800 lb. One single door is included as well as a liberal supply of bolts and nuts and two special box spanners.

Markets: Models of the Senior type have been supplied to public authorities and private companies and individuals in United Kingdom, Kenya, Uganda, Tanganyika, Nyasaland, Southern Rhodesia, S. Africa, Gold Coast, India, Pakistan, Ceylon, British West Indies and Burma. They have been adapted for use as living quarters, shops, field offices, stores, toilets, canteens, medical centres, operating theatres, workshops, bathing huts, mobile polling booths. Deliveries are good and firm are very keen on expanding markets.

Latest developments: Include a large unit called the "Ovaltent" of 270 sq.ft. floor area, two of which form a cosy bungalow by means of a central joining section. Length of this type is 22 ft., width 14 ft. 6 ins. Total weight approximately 1200 lb. By April firm will be using BA 60 which is a homogeneous alloy resistant to corrosion.

Booth & Co. (England) Limited,
34 St. James's Street,
London, S.W.1.
(Whitehall 8383)

WORLD'S FIRST ALUMINIUM MATERNITY HOSPITAL AND NURSES' HOME was the solution to the difficulties faced both in hospital development and the large school building programme of Australia's New South Wales.

The choice of aluminium for schools, homes and hospitals has proved very satisfactory.

The maternity hospital is designed in two separate buildings, one containing the Wards and Service Rooms, the other the Delivery Rooms and Operating Theatre. The buildings are connected by enclosed covered ways. The South Wing has single bed and two-bed wards with all the necessary utility, sterilising and ancillary rooms adjacant. Separate showers, bathrooms, lavatories, etc. are conveniently located. The common sitting room is central, as also are babies' nursery, ward amenities and the visitors' room.

The nursery itself provides accommodation for 42 cots. Entirely separate from the main nursery are small nursery units for premature and sick babies.

In the North Wing are the pre-natal clinic and delivery section of the unit. These have all the necessary facilities; operating theatre, dressing cubicles, consulting and examination rooms, sterilising rooms, etc.

There are, at three most suitable points, nurses' reception desks with offices adjacent for the Sisters-in-Charge. Sterilising Ward serveries, operating theatres and scrub-ups floors are surfaced with vitreous floor tiling; toilet and showers have Moravian tiles while other floors have rubber tiling.

The Nurses' Home has 25 bedrooms, sitting, study and writing rooms, kitchen for small catering and all the usual offices. Between the rooms there is sound insulation so that nurses may have that quiet restfulness so necessary for their job.

The firm has provided hospitals, nurses' homes, schools, technical education buildings, post offices, telephone exchanges and a wide range of other buildings to New South Wales, Canberra A.C.T., Queensland, Tasmania, Victoria, West Australia and South Australia.

SOLVING BRITAIN'S SCHOOLBUILDING PROBLEM is the "Bristol" system of unit construction introduced early in 1948. Originally designed to provide classrooms and corridors only it was soon developed and improved to an extent which permitted the building of large schools, hospitals, telephone exchanges, sanatoria, nurses' homes, air terminal buildings, clinics, scientific laboratories, training colleges; County Council offices and Chambers, post offices, offices for Nationalised Industries, Messes for Officers and N.C.Os. etc. These buildings have been supplied to all parts of Britain, many overseas countries; from abroad have come orders worth over £8,000,000.

All components are on a 4 ft. module with wide range of main roof spans and wall heights. Wall panels are supplied with solid units, or with windows that can be top-hung or bottom-hung, or of the casement type. This variety of components and interchangeability of units between the mullions enables both type and extent of fenestration to be adapted to individual requirements.

Roofs are flat, incorporating louvred top lighting for circulation areas and linkage structures, or aluminium lean-to with a pitch of one degree.

Components consists of Wall Panels, Pitched Roofs, Flat and Lean-to Roofs and internal Partitions, all of which are 4-feet wide; roof spans are in multiples of 4 feet. System of construction therefore operates over a four-feet grid. Components are erected on a prepared concrete slab. From the range of components it is possible to construct a wide range of buildings, from the largest and most comprehensive school to a small post office.

Thermal and accoustic insulation is provided by use of fibreglass in ceilings, doors and wall panels, both external and internal.

Maintenance is at a minimum because the aluminium alloy has been exhaustively tested to withstand weather conditions.

Buildings could be of infinite length providing the overall dimension is divisible by four feet.

The Bristol Aeroplane Company (Weston) Ltd.,
Oldmixon,
Weston-super-Mare.
(Weston-super-Mare 2800)

"MOD-x" SYSTEM uses various materials for prefabricated demountable building units for houses, schools, factories, bridges etc. Ideal for any kind of design for Overseas or Home use.

A. Cameron Limited,
38 Holland Villas Road,
London, W.14.
(Bayswater 0163)

COSTLY FEATURES ELIMINATED in a new prefabricated timber house suitable for any climatic condition in the world. Built up from standard units, with a variety of design that can be attained without difficulty, all cumbersome and costly features of construction have been eliminated to produce house offered at a highly competitive price, and with greatly reduced erection time.

For the Coronation BIF the firm will exhibit a house which is one of a range suitable for the North American market. Though the firm have many designs they are prepared to alter design to suit the wishes of the buyers; to give the customer what he wants, not what the firm think he should buy.

Cruden Houses Limited,
Olivebank, Musselburgh,
Midlothian, Scotland.
(Musselburgh 2244)

PACKAGES ARE COMPLETE TOWN. The firm of manufacturers, designers and consultants have a system of packaged buildings for homes, schools, hospitals, stores, barracks, etc. - from one house to a complete town - to be erected anywhere in the world.

K-D Homes (London) Limited,
6 Chandos Street,
London, W.1.
(Langham 5737)

FROM CHALET TO POWER STATION, and including schools, warehouses, factories, bungalows, etc., all of prefabricated reinforced concrete.

The firm will be please to quote against customers' specifications.

Mobile Accessories Co. (London) Ltd.,
Mobile House,
9 Clifton Road,
London, W.9.
(Cunningham 6176)

"NEATA" TIMBER BUNGALOWS are prefabricated in units of variable design and easily adapted interior layouts. They are designed with a view to extendability and simplicity of erection.

Neata Products (Cheltenham) Ltd.,
Leckhampton, Cheltenham.
(Cheltenham 53451)

NO FRAMEWORK WHATEVER in the new Cubitt Pre-cut House. Nothing but pre-cut solid timber being used, and the corners held together by the new patented "Frya" corner construction. There are no slotting sections; complicated and expensive joinery is eliminated. The timber is pressure impregnated to make it fireproof and 100 percent proof against termites and tropical insects.

This "Viking" House is considered to be the strongest and most durable house of its kind. Specially made to withstand the fiercest hurricanes and tropical storms, it can be shipped in parts all over the world and in easily and rapidly erected by local semi-skilled labour.

It equally is suitable for high class European living standards, native accommodation, for use on large camp sites, in towns, and for sale by local builders to individual choice.

At present the Cubitt House is for export only. Some of the actual components are used to form the packing case in which is it shipped.

Large quantities are available for quick deliveries.

R. Nerdrum Limited,
20 Pall Mall, London, S.W.1.
(Whitehall 9351)

£4,000,000 CONTRACTS IN 2 YEARS awarded for prefabricated buildings and houses for export to Canada, Australia and Aden for large scale developments. Foundations needed for the houses depend largely on local custom. Some countries use hardwood stumps, or concrete, with a brick perimeter wall; in Canada there is a preference for concrete basements. Adequate foundation plans are supplied by the firm in sufficient time to allow the contractor to build the foundation in time to receive the houses on the site.

Floor joints and flooring are supplied machined and cut to suitable lengths ready for laying. Where there is termite infestation provision is made for ant caps to be fitted to perimeter walls and stumps; timber joists being supplied impregnated.

Panels are based on a 3 ft. 4 ins. module, having been found to be most convenient size for passages, door and window openings, etc. Hald panels of 1 ft. 8 ins. also are used together with other widths to suit certain designs. Height of the panels is usually round about 8 ft., in conformity with the usual local bye-law requirements. External wall panels are made with 1½ins. x 3½ins. stiles, heads and cills, with 1ins. x 3½ins. noggins. External cladding is 1ins. x 5ins. 'V'-jointed vertical weatherboards, behind which is waterproof building paper. Inside face is lined with 3/8ins. plasterboard sheets. Air space between inner and outer linings can be filled with glass wool quilt to give insulation.

Junction between panels is effected by a loose tongue positioned in a groove in the vertical member of each panel; the gap between the external cladding is cloaked by a loose cover board site fixed. Door frames are built into the panels, doors supplied fitted to the frames, but not actually hung.

Internal panels are made from 1½ins. x 2½ins. framing with 1ins. x 2½ins. noggins, lined on both sides with plasterboard. Internal joints on panels are formed by narrow timber coverstrip or by scrim tape and plaster.

Gable panels are made in 2 sections, each being half the width of a house. They are bolted together when placed in position on the end wall. Framing is 2ins. x 2ins. external cladding similar to that of wall panels, no internal lining is supplied.

For roofs, folding roof trusses are used to give economy in shipping space. They are supplied in 2 halves, needing only the insertion of 4 bolts to fix in position and join by bolts and plywood gussets. Top and bottom chords are made of two 1ins, thick members of suitable width with 1ins. x 3ins. struts. A continuous fillet is glued and nailed to bottom chord, being notched to receive the ceiling joists. All roof trusses are tested to ensure they will bear the roof loading required by local regulations. The roofs are usually covered with Rigidal Mansard pattern 22 gauge aluminium sheets, though other materials such as galvanised iron or asbestos can be used.

Kitchen cupboards are on a generous scale, usually comprising built-in sink unit complete with draining boards and cupboards under a work top with cupboards and/or drawers under; ventilated food cupboard and adequate crockery cupboards. All cupboards are sent flat, with ends, fronts, divisions etc. ready framed and panelled. They are made from light timber framing panelled with either plywood or hardboard, doors being of the flush lipped type.

Bedroom cupboards or closets are provided where needed and are formed by use of standard internal wall panels together with framed up front panel, complete with flush doors. Hall and linen cupboards are provided on same principle.

Plumbing kits are provided for each house and designed specifically to meet local regulations. Usually pipe runs are in copper or galvanised iron, and all pipes are pre-cut, pre-bent or pre-threaded. All unions, etc., are provided, as are taps, waste traps, etc. Baths, showers, lavatory basins, w.c. suites are provided in suitable patterns; water heaters also can be provided. Provision usually is made for a laundry with optional supply of laundry troughs, and electric wash boiler.

Electric wiring incorporates draw wires in the internal wall panels and housings for switches and socket outlets. Supply of complete wiring set on the loom principle is optional but if required will be designed to conform to local regulations, thus allowing for wiring to be done in the most economical way possible. Open fireplaces, back boilers, basement installed heaters, etc. can be provided, with ducts leading to registers in the rooms.

Houses are packed in 8-house sets, which means that while in some cases there is one crate per house in other cases there may be one crate per two, four or eight houses. All crates are clearly marked with colour and number system.

All parts of the houses, whether made in firm's factory or not, arrive together on the site. This is due to firm's marshalling organisation at the Port of Immingham.

Erection of houses usually is done by local contractor appointed by the purchaser. Though the firm give every assistance to the contractors, both in preliminary stages of costing the job for tender and in later initial stages of erection, experience has shown that the process is so simple that no further assistance is needed. An erection manual is supplied to the contractor, together with erection kit, drawings, etc.

The erection kits for each 8-house set contain all hardware such as nails, screws, etc., necessary for assembly; nothing need be provided by the contractor. All non-projecting furniture, i,e. hinges, locks, etc., are fitted at works and items such as knobs, fittings such as towel rails, coat hooks, etc. are included in the kits.

For the Coronation BIF the firm will show one of their houses in current production. It will be complete in every detail, many rooms being furnished throughout.

H. Newsum, Sons & Co. Ltd.,
(Riley-Newsum Houses),
Lincoln.
(Lincoln 1057)

NON-TRADITIONAL BUILDINGS in pre-cast concrete for Home and Overseas by the "Reema" patented system. Firm are specialists in reinforced concrete design and construction.

Reema Construction Limited,
Milford Manor,
Salisbury.
(Salisbury 5141)

HOUSES FOR ANY CLIMATE IN THE WORLD have also official approval for Britain's national housing programme. The Scottswood system of construction is a departure from the usual trend of construction with its unstinted use of solid timber. Where possible laminates are used, thus equalising the internal stresses which normally occur in solid timber structures due to unstable physical properties of the timber and the inevitable changing moisture content; laminates give complete dimensional stability.

Also, in place of timber boarding or siding for cladding wall sections, Scottswood walls and roofs are sheathed on the outside with resin-bonded exterior quality weatherproof plywood, and inside with good quality hardboard. The two skins are nailed and resin-bonded to the internal softwood framing, the internal cavity between the two skins having previously been filled with glass fibre to give the walls a thermal efficiency twice that provided by traditional brick cavity construction. Glass fibre also is fire and vermin proof.

This general design follows the "stressed skin" principle, the basis of modern aircraft design, obviating the use of pillars or supports. Erection consists of bolting the sections together, fixing mouldings and painting the whole. Work on the site is reduced to a minimum. Precast concrete hollow foundation beams are laid to the approximate perimeter size of the house, floor sections are then set on, wall and partition sections then erected on the floor and the assembly bolted up together. Soil and wastes are all ready to be entered into any desired system of disposal.

Six men can erect and complete one house ready for occupation in 5 days.

THE 'PACIFIC' HOUSE is a special development for small single storey houses, specially planned to give the accommodation and amenities required in a small family house where extremes of weather and temperature are experienced. Site work is reduced to a minimum and erection can be carried out by unskilled labour.

Its special design also enables it to be demounted and re-erected any number of times, should the occasion arise; the entire house with its internal fittings and foundation blocks being 100 percent salvageable.

Sections comprising walls, partitions, floors and roof, together with all parts and fittings for one complete house are so packed that they can be loaded on to one articulated lorry for despatch to site from dockside, or railway depot. For a level site a house can be unloaded and erected in 1 day.

THE 'BALTIC' HOUSE, specially designed for cold climates, has methods of construction and erection as for the Pacific.

Roofs are factory-built sections completely finished ready for site assembly. They are of 1 ins. rafter members at 12 inch centres, pitched to give a slope of approximately 1 in 11 and sheathed with 1/4ins. thick phenol-bonded exterior quality plywood externally and sheathed with 1/4ins. hardboard internally; both skins resin-bonded to the framing and the cavity filled with fibre glass insulation. The whole of the outside plywood surface is coated in the factory with cold mastic to form a plastic skin resistant to all weather conditions.

Floors are factory-built units, eight sections framed up in 2ins. x 4ins. softwood joists and trimmers, all mortised, tenoned and glued

together; covered with 1 inch x 6 ins. tongued and grooved floor boarding, all coated with creosote. A balcony, formed by continuation of the floor and roof sections, has balustrading complete with handrail and is supplied all framed up and ready for site fixing.

Kitchen fitments include draining board, preparation table, larder, in sections complete and ready for fitting together.

Bathroom and sanitary fittings comprise sink suite 24" x 16" x 10" deep all white fireclay Belfast sink with ½" CP/EC hot and cold bib taps, 1¼" CP slotted waste with rubber plug and metal chain; chromium plated shower with mixer valve and fixed overhead spray; white glazed fireclay sink-type footbath; low level w.c. suite with 2-gallon flushing cistern; earthenware lavatory basin with two easy-clean taps and towel rail.

Electrical fittings include a 5.8 cu.ft. domestic refrigerator fitted either 110v 50/60 cycle, or 210/250v 50/60 cycle 1/8h.p. hermetically sealed unit; Belling electric cooker No. 46 with hob, 8" boiling plate, grill boiler and automatic control; wall-mounting type storage automatic electric water heater with ball tank, either 200/250v 2,000W, or 110v 2,000W; wall-mounting type electric fire in living room. All wiring channels, conduits, fixing pads and traps are allowed for, and provision has been made for the wiring to be carried out after house erection. The wiring is carried out in T.R.S. cable with visible identifications.

Scottswood Factory Built Permanent Homes Ltd.,
13 Charterhouse Street,
London, E.C.1.
(Holborn 5938)

COMPLETE FURNISHED BUNGALOW will demonstrate the beauty of design of the firm's products. Their "Tropical Housing", though specially designed for hot climates, has a general design that easily can be adapted for any other climate.

"SKIMASTER" MOBILE EXHIBITION UNIT, mounted on skids, will consist of a miniature gallery comprising photographs and drawimgs of the various types of prefabricated buildings made by the firm. Similar units can be adapted for all kinds of trades; these units being particularly suitable for transporting to different exhibitions.

Stephenson Developments (Huddersfield) Limited,
Grosvenor Works,
Linthwaite, Huddersfield.
(Slaithwaite 341)

THE ALFRAME CHALET BUNGALOW is designed to provide a first class home which, being factory made, is easily shipped and erected anywhere where needed. Construction is simple, building can be erected entirely with unskilled labour without mechanical aid; thus avoiding need for skilled site workers or special tackle. It has been designed to provide a transportable building with simple erection, clear floor, no foundations, no maintenance; but of smaller size and lighter construction. Alframe buildings are of aluminium alloy, giving strength, lightness and permanence.

The span of the Mark VII Alframe is 24 feet, length can be any multiple of 12 feet. Wall height to eaves is 12 feet. Weight of heaviest member is only 40 lbs.

With roof covering of aluminium, galvanised iron or asbestos cement the building may be used either open-sided or with any form of wall covering, either permanent or temporary. Doors and windows can be supplied as required.

Accommodation. Available with either 2 or 3 bedrooms, with large living-dining room, kitchen and bathroom. Three-bedroom type is over 700 square feet overall; lounge is 12' 6" x 12', dining room 10' x 7' 6". The 3 rooms adjoin one another without dividing wall, thus providing a living room 20 feet long. Main bedroom is 14' x 9' 6", second bedroom 10' 6" x 10', third bedroom 10' x 9' 6", kitchen 10' x 7' 6", bathroom 7' 6" x 6'.

Two-bedroom type has lounge of 14' x 12' 6", kitchen-dining room 12' x 7' 6", main bedroom 14' x 9' 6", second bedroom 10' 6" x 10', bathroom 7' 6" x 6'.

A 9 feet wide verandah runs entire length of building, providing open air space of over 300 square feet under cover. If required the

verandah can be enclosed with mosquito netting so that it can be used for sleeping or living room. Electrical and plumbing fittings are prefabricated ready for assembly and connection to mains.

NEW BUILDING BLOCK. Firm have developed a new building Block known as Alcrete, a high pressure steam cured cellular concrete. Said to satisfy all walling requirements: light-weight - 50 lbs c.ft.; compressive weight - load bearing quality, 800 lbs/sq.in. in the 'as used' condition; weather resistant - not affected by damp, frost or climatic changes and with high resistance to rain penetration; fireproof because of complete absence of combustible materials; providing perfect key for plastering; workability - can easily be cut, sawn, drilled, chased, screwed or nailed; with thermal insulation. Claiming that by the use of Alcrete labour costs can be cut by 50 per cent the firm give the following comparison: 1 yard sup. Alcrete - requires 16 blocks cavity walling, total weight 262.5 lbs; 1 yard sup. brick - requires 96 bricks cavity walling, total weight approximately 672 lbs.

BRITAIN'S LEAD IN ALUMINIUM CONSTRUCTION will be demonstrated not only by means of wide ranges of prefabricated buildings as such but also by means of a scale model of the world's largest aluminium aeroplane hangar.

The hangar itself was specially designed to house Britain's Comet jet airliner and is the third example of wide span aluminium structure made by the firm. The first of these was the main arch structure of Britain's Festival Year Dome of Discovery at the South Bank Exhibition. The span of the dome was 342 feet. The second example is a 3-bay hangar with three 150-feet spans at London Airport.

The Comet hangar has a clear span of 200 feet (217 feet overall) and a length of 330 feet.

The aluminium alloy chosen for these structures gives a structural weight of about 1/7th that of the steel equivalent, but apart from this saving in weight and consequent easiness in handling for erection the alloy does not require painting owing to the high resistance to any atmospheric attack. Periodic stripping and repainting is not necessary and so there is a considerable reduction in maintenance costs.

Structional & Mechanical Development Engineers Ltd.,
Buckingham Avenue,
Slough, Bucks.
(Slough 23212)

4-6 WEEKS FROM DATE OF ORDER all components are ready for despatch from British research and development group comprising some of Britain's leading manufacturing organisations. The member firms of the "Arcon" Group - I.C.I. Ltd., Stewart & Lloyds Ltd., United Steel Corporation Ltd., Williams & Williams Ltd., Austins of East Ham Ltd., - have pooled their resources for the organisation of the economic production and speedy delivery of prefabricated buildings of many kinds.

LOWER PRICES FROM FEBRUARY 1953 are announced as a result of a rapidly expanding overseas market and increased production which enable the group to pass on the benefits to the customers.

"Arcon" structures are fire, weather and insect proof. They are designed to withstand wind forces of over 100 m.p.h. and snow load up to 12 lbs. per square foot. In fact, the structures are specially designed to meet particularly stringent climatic conditions anywhere.

All components are kept to sizes which can readily be man-handled and even carried by hand over awkward terrain.

Construction is of welded steel tube framing with corrugated asbestos or aluminium cladding. The under roofing may be in either corrugated asbestos or fibre board. Arcon storage buildings may be used or modified to suit individual or local requirements as garages, transit sheds, workshops, etc. All bays have a dimension of 16 feet 8 inches in the length of the building and any number of spans may be added as needed. If necessary 33 feet 4 inch spans can be added alongside 50-feet spans. This type of building has been chosen as transit sheds in recent large-scale port developments in Western Australia; as garages by a national transport corporation operating in the Nile Valley, one garage alone with its servicing accommodation having a total covered area of 24,000 square feet; as workshops for a large Construction Company in the Red Sea area

where Arcon buildings were selected for headquarters for plant and transport maintenance, the full programme including workshops, stores, power house, welding and blacksmiths' shops.

Arcon Tropical Roofing has been used in many kinds of buildings including schools, hospitals and homes. A large number of schools based on this roofing includes schools being erected in Ceylon to accommodate in each school between 400 and 500 pupils. Features of local styling have been incorporated. Hospitals include supplies to Malaya, Fiji Islands and the Cameroons. Homes have been supplied to many parts of the world; Arcon was chosen by a major oil company in the Middle East for a large-scale housing scheme for employees because it exactly filled their needs. Local labour carried out site work and assembly.

The principle of the Tropical Roof is basically the same as that of the double-roofed tent; the building itself, complete with its own roof, is protected by a further roof acting as a separate cover, free standing and self-supporting. Air is free to circulate in the space between so that the building beneath is kept cool by effective ventilation.

Arcon Purlin Roof is designed for the covering of buildings where use can be made of cross walls which carry the necessary supporting purlins. Corrugated asbestos or aluminium sheeting completes the roof covering and fibreboard panels form a smooth internal ceiling. This roofing is a specialised application of Arcon prefabrication methods, making its most valuable contribution where roofing on small dwellings is the main problem. With this roofing the ceiling may be omitted or, alternatively, a flat ceiling may be provided. Light tubular columns can be provided to support the roof in order to form verandahs. Standard steel doors and windows can be provided for building into the walls.

Taylor Woodrow (Building Exports) Limited,
41 Welbeck Street,
London, W.1.
(Welbeck 9211)

COMPLETELY NEW BUILDING TECHNIQUE is claim for the Trusteel system of steel frame building construction as applied to houses, hospitals, schools and hostels. It combines light engineering with traditional methods in such a way as to produce a much more rapid, accurate and economical construction and is claimed to be a more scientific method of building. By adopting this system builders are enabled to revolutionise the planning and construction on any building project, effect considerable savings in time and labour costs without sacrificing quality or the accepted traditional features of aesthetic value.

COMMONWEALTH BUILDING PROGRAMMES. Particular attention has been paid to Australia, Canada and New Zealand. Contracts controlled by the Victorian Hospitals and Charities Commission are now in progress, comprising 13 hospitals in county areas of the state of Victoria, Australia.

In the United Kingdom special attention has been given to local authority housing schemes and War Department projects for housing service personnel and families. Upwards of 2,500 houses erected in the United Kingdom and Northern Ireland are evidence of the Trusteel contribution to meeting the need for speedily-erected permanent houses.

All Trusteel housing designs and structural detailing for these houses are subjected to thorough investigation by the Architectural and Scientific branches of the Ministry of Housing and Local Government and by the War Office, and approved in principle prior to negotiation of contracts. From a price point of view Trusteel buildings are highly competitive. Although they are permanent buildings they can be erected in 21 days from commencement of foundations to completion of decorations.

Trusteel Corporation (Overseas) Limited,
Lime Lodge, Heath Road,
Oxhey, Herts.
(Watford 6256)

COMMERCIAL AND DOMESTIC BUILDINGS made by the "Seco" systems of building construction have complete flexibility, are easy to transport and erect.

Uni-Seco Limited,
11 Upper Brook Street,
London, W.1.
(Mayfair 9080)

A PERMANENT HOME ANYWHERE IN THE WORLD is fire, termite and vermin proof; has steel frame and a new wall construction of "Unilite" which, at 2½ inches thickness, gives as much insulation as 30 inches of solid stone.

External walls are in sectional units easily set into the steel frame and erected rapidly without waste. Impact resisting partition walls arrive in exact sizes for internal erection between floors and ceilings. Roofs are of pre-formed timber trusses and purlins, designed to be easily fitted on the frame. They can be covered with any type of tiling including asbestos.

Each dwelling is designed to give maximum efficiency in the minimum of space. Windows are complete with shutters and flyscreens, doors with frames. Electric installation, heating equipment, plumbing, etc., are all supplied in complete units, or sectionalised for speedy fitting. All the houses are designed for various climatic requirements and the roof can overhang 2 feet to run well over the verandahs where required.

Unitroy Limited,
18a, St. James's Place,
London, S.W.1.
(Grosvenor 7201)

BIF Press Office,
Lacon House,
Theobalds Road,
London, W.C.1.
(CHAncery 4411, Ext. 793)

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Telephone: GRO.7201-2-3

WITH COMPLIMENTS

Members of the Press are invited to visit the Unitroy House on Monday, 27th April. Picture Editors please note that the exterior of the house can be photographed on Saturday and Sunday prior to the opening date. A model will be in attendance on these days. COPYRIGHT FREE PICTURES ARE NOW AVAILABLE OF THE PRINT ATTACHED.

A MAN AND HIS HOUSE.

The Grandson of George Souris, the most famous Greek poet of modern times, believes that his British Company have at last created the perfect house for this country and for exporting to the world.

Educated at St. Paul's and Cambridge, forty-seven year old, Harold Moscona visualised, whilst working during the war on British Government orders, a need for a new system of house construction, which outwardly would conform to the public's traditional concept of a home, but structurally would cut out all the time and skill required to build in brick.

At war's end, in a backyard off London's Theobald's Road, Moscona started to create his dream house with a couple of tons of waste material, a handful of Norfolk reeds and a great deal of enthusiasm, which he was able to pass on to a few financiers.

Visitors to the Transportable Town at the Coronation B.I.F., (Earls Court) will be able to see his latest Unitroy house, which can be packed away in two lorries and erected as a permanent home wherever the owner desires.

Unlike most factory made houses, the Unitroy home can be built to ANY DESIGN, and it has already passed the most stringent Government tests, proving that it has a life as long as any known form of construction.

The picture attached shows the export B.I.F. house, which dependent on design, complete with all fittings will cost from £1,000 - £2,000.

The secret of Unitroy lies in the walls which are interlaced with Norfolk reeds and although only 2½" thick, gives strength and insulation comparative to a 30" stone wall!