Selected Bibliography on
Building Construction and Maintenance

United States Department of Commerce
National Bureau of Standards
Building Materials and Structures Report 140
(Second Edition)
BUILDING MATERIALS AND STRUCTURES REPORTS

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*Out of print.
†Superseded by BMS144.
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Building Construction and Maintenance

Edith R. Meggers

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(Second Edition)
Issued 1956
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BUILDING CONSTRUCTION AND MAINTENANCE
Selected References

Edith R. Meggers*

Selected references on building materials, equipment, good construction practices for new construction, and the modernization and maintenance of buildings.

1. INTRODUCTION

This report supersedes National Bureau of Standards Building Materials and Structures Report BMS140, dated May 28, 1954 and gives sources of information concerning building construction and maintenance. It contains titles to papers dealing with the practical aspects of building construction and some publications of a more technical nature.

Government publications indicated as "Free" in this list may be obtained without charge by writing directly to the issuing agency.

Government publications marked with a star (*) and for which a price is shown, including those of the National Bureau of Standards, are for sale regularly by the Superintendent of Documents, Government Printing Office, Washington 25, D. C. Payment in advance is required and can be made by coupons obtainable in sets of 20 for $1.00 and good until used, by check or money order payable to the Superintendent of Documents, or by currency (at sender's risk). A discount of 25 percent is allowed to purchasers of 100 or more copies of a single publication to be mailed to one address. Additional funds for postage are not required on orders mailed to destinations within the United States and its possessions or to Canada, Cuba, Mexico, Newfoundland (including Labrador) and certain Central and South American countries. Remittances for orders to other foreign countries should be made by international money order or draft on an American bank, including an additional one-third of the quoted price for postage. Prices indicated are subject to change.

Single copies of publications of trade associations or other nongovernment organizations included in this report may be obtained free or at indicated prices by writing directly to those organizations.

Many universities and colleges, through their departments of architecture, engineering, experiment stations, or agricultural extension divisions supply information on construction and equipment upon request. Several bulletins of this type are listed. Information on other available material can be obtained by writing directly to the institutions. A list of such institutions by States is given at the end of this report.

A few standards of the American Standards Association and American Society for Testing Materials have been listed. More complete lists of these standards may be obtained by writing directly to the American Standards Association, 70 East 45th Street, New York 17, N. Y., and the American Society for Testing Materials, 1916 Race Street, Philadelphia, Pa.

This report also lists a few Federal Specifications. A more complete list of such specifications appears in the "Index of Federal Specifications and Standards" and monthly supplements thereto, obtainable from the Superintendent of Documents

for $1.75. Individual "Federal Specifications" may be obtained upon application accompanied by check, money order, cash, or Government Printing Office coupons, to the Business Service Center, General Services Administration, Regional Office Building, Seventh and D Streets, S. W., Washington 25, D. C. Symbols as well as the name should be used in ordering Federal Specifications.

Only such Commodity Standards as relate to building materials and equipment are included in this report. A more complete list of such standards, with prices can be obtained from the Commodity Standards Division, U. S. Department of Commerce, Washington 25, D. C.

NBS Circular C460 "Publications of the National Bureau of Standards with Supplements" gives the titles and brief abstracts of papers issued by the Bureau complete to 1955 and is obtainable from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for $2.00 including Supplements. It also contains a list of depository libraries that regularly receive Bureau publications and may have out-of-print issues on file or have equipment for making photostat or microfilm copies of such out-of-print material.

Selected references in the present report are not to be regarded as a complete bibliography on building construction and maintenance. The National Bureau of Standards assumes no responsibility for statements made in the listed publications issued by other organizations.

2. SUBJECT LISTING

2.1. Air Conditioning

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<td>5* Installation of attic ventilation fans in residences (CS179-51). 5c.</td>
<td>140 Design and installation of warm air winter air conditioning systems (for small structures) (Manual 7). 75c.</td>
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<tr>
<td>5* Testing and rating ventilating fans (axial and propeller types) (CS178-51). 5c.</td>
<td>140 Design and installation of warm air winter air conditioning systems (for large structures) (Manual 9). $1.00.</td>
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<td>8 Summer air conditioning requirements (Bull. ME-12). Free.</td>
<td>140 Summer air conditioning (Manual 11). $1.00.</td>
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<td>119 The heat pump (P-6). 25c.</td>
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<td>20* American standard building code requirements for masonry (M211). 20c.</td>
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<td>130 Residence type warm air heating and air conditioning systems (90B). Free.</td>
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Agency

20* Preparation and revision of building codes (BMS116). 20c.
102 Building code requirements for reinforced concrete (ACI 318-51). 75c.
106 Building code modernization. Free.
106 Building codes and fire safety. Free.
106 Fire protection through modern building codes. $2.00.
109 Compilation of standards in building codes. $6.00.
110 Administrative requirements for building codes (A55.1-1948). 50c.
110 American standard building code requirements for light and ventilation (A53.1-1946). 75c.
110 Standards for places of outdoor assembly, grandstands, and tents (Z20.3-1950). 25c.
114 Abridged building code with annual supplement. $3.50.
114 Basic building code with annual supplement containing approved changes. $5.50.
116 Building codes and construction progress. 50c.
130 National building code. Free.
133 Lightning code, 1952 (78). 50c.
152 Southern standard building code. $5.00.

2.3. Chimneys and Fireplaces

2* Camp stoves and fireplaces. 50c.
2* Fireplaces and chimneys (Farmers' Bull. 1889). 20c.

2.3. Chimneys and Fireplaces--Cont.

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Agency

16* Picnic fireplaces. 15c.
102 Specification for the design and construction of reinforced chimneys (ACI 505-54). $1.00.
110 Sizes of clay flue linings (ASA Standard A62.4-1947). 35c.
130 Code for the installation of heat producing appliances, heating, ventilating, air conditioning, blower and exhaust systems. Free.
133 Fire hazard tests with masonry chimneys (243-7). 35c.
133 New developments in chimneys and flues (D35). 10c.
133 Spark arresters for chimneys and stacks (213). 5c.
151 Chimneys and fireplaces (Cir. P7, O). 10c.
157 Outdoor fireplace plan. 15c.
157 Residential fireplace design (Vol. 6, No. 10). Free.
157 The heart of the home (fireplaces). 40c.

2.4. Concrete

13* Lightweight aggregate concretes. 20c.
18* Concrete manual. $2.50.
20 Hydraulic cements--Publications by members of the staff of the National Bureau of Standards (LP30)(List). Free.
20 Concrete and reinforced concrete (LP31)(List). Free.
20* Properties of some lightweight-aggregate concretes with and without an air-entraining admixture (BMS112). 15c.
102 ACI manual of concrete inspection. $2.50.
102 Admixtures for concrete (Title 51-5). 75c.
102 Cellular concretes (Title 50-48). $1.50.
2.4. Concrete--Cont.

Issuing
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102 Design of blast resistant construction for atomic explosions (Title 51-32). $1.00.
102 Lightweight-aggregate concrete (tests made at National Bureau of Standards) (Title 45-37). 35c.
102 Recommended practice for selecting proportions for concrete (ACI 613-54). 50c.
102 Tests of lightweight-aggregate concrete designed for monolithic construction (made at U. S. Bureau of Reclamation) (Title 45-34). 35c.

2.5. Condensation, Waterproofing, and Water Permeability--Cont.

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20* Laboratory observations of condensation in wall specimens (BMS106). 15c.
20* Tests of cement-water paints and other waterproofings for unit-masonry walls (BMS95). 30c.
20* Water permeability of walls built of masonry units (BMS82). 25c.
102 Admixtures in concrete: Use of admixtures as integral waterproofing and dampproofing materials (Title 47-3). 60c.
102 Admixtures for concrete: A report by ACI Committee 212 (Title 51-5). 75c.
102 Prevention of dampness in basements (Title 44-19). 35c.
117 Copper through-wall flashing (Monograph V). Free.
117 Modern applications of sheet copper in building constructions. $3.00.
118 Preventing condensation in walls and ceilings. Free.
130 Waterproofing of floors and drainage, and installations of sumpers. Free.
136 How to control moisture in homes. 25c.
136 How to get the most value from your mineral wool insulation. Free.
138 How to rescue your home from the menace of moisture (H.H.P. 185). Free.
138 Some construction defects which permit water to menace homes (Cir. 763). Free.
151 Moisture condensation (Cir. P6.2). 10c.
157 Watertightness and transverse strength of masonry walls. 15c.
2.5. Condensation, Waterproofing, and Water Permeability--Cont.

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163 Air infiltration through weather-stripped and nonweatherstripped windows. Free.


Issuing Agency

8 Shop fabricated wood frame unit construction (LU-RE-CO homes) (Bull. SE-183). Free.

8* Tables of maximum allowable spans for wood floor joists, ceiling joists, rafters, in residential construction. 20c.

8 Tilt-up concrete wall construction (Bull. SE-83). Free.

10 Fabricated wall panels with plywood coverings (R1099). Free.

10 Floor panels with stressed plywood coverings (R1026). Free.

10 How plastering affects the moisture content of structural and finish woodwork (R1274). Free.

10 How surface condition of nails affects their holding power in wood (R1927). Free.


10 Plywood as a structural covering for frame walls and wall units (R1025). Free.

10 Practical suggestions on frame house construction (R991). Free.

10 Progress report on prefabricated house system under development by the Forest Products Laboratory, Madison, Wis. (R1165). Free.

10 Research in wind-resistant farm building construction (R1930). Free.

10 Rigidity and strength of wall frames braced with metal strapping (R1603). Free.

10 Rigidity and strength of frame walls sheathed with fiberboard (R1151). Free.


10 Strength tests of spliced studs (R1275). Free.

10 The designing for strength of flat panels with stressed coverings (R1220). Free.

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13* Crawl spaces. 15c.

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13* Manual on wood construction for prefabricated houses. $1.50.
13* Plank-and-beam system for residential construction (Constr. Aid 4). 45c.
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14 Earth brick construction. 50c.
20* Effect of edge insulation upon temperature and condensation on concrete-slab floors (BMS138). 20c.
20* Field inspector's check list for building construction (BMS81). 40c.
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20* Structural properties of conventional wood-frame constructions for walls, partitions, floors, and roofs (BMS125). 30c.
102 Minimum standard requirements for precast concrete floor units (ACI 711-46). 50c.
102 Recommended practice for measuring, mixing, and placing concrete (ACI 614-42). 50c.
102 Recommended practice for winter concreting methods (ACI 604-48). 50c.
105 Steel construction; a manual for architects, engineers, and fabricators of buildings and other steel structures, 5th ed. $2.00.
106 Light gage steel design manual. $1.00.
115 Nails and nailing (Data sheet 4AI-1). Free.
118 Choose a plywood exterior. Free.

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118 Extra strength that saves you money when you build. Free.
118 How to design plywood diaphragms. Free.
120 Design data and load test on reinforced gypsum concrete floors and roofs. Free.
120 Fireproof gypsum sheathing. Free.
125 Specifications recommended to secure dry brick walls. Free.
125 Type of workmanship recommended for concrete block walls. Free.
125 Type of workmanship recommended to secure dry brick walls. Free.
127 Metal lath and plaster solid partitions with channel studs (Tech. Bull. 5). Free.
127 Metal lath specifications for metal lathing and furring. Free.
131 Concrete masonry construction details. 22c.
131 Concrete masonry in school construction. 20c.
131 Design and construction of lintels for concrete masonry buildings. 27c.
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135 Plank and beam floor and roof system for residential construction. Free.
135 Stud walls - safe axial loads. Free.
135 Wood frame-brick veneered house framing details. Free.
138 Some construction defects which permit water to menace homes (Cir. 763). Free.

Issuing Agency

147 Porcelain enamel magazine. Free.
148 Construction and equipment of the home. $2.00.
151 Annual short course in residential construction. $2.00.
151 Basements (Cir. F2.0). 10c.
151 Construction of storage partitions. 25c.
151 Homes from pre-assembled wall panels. $1.00.
151 New house designs for wall-panel construction. 50c.
151 Storage partitions (Cir. C5.11). 10c.
151 "W" roof truss (instruction sheet and sketches). 25c.
151 "W" truss for 20'-8" to 32'-8" spans (instruction sheet). 25c.
151 Wall-panel construction. 25c.
151 Wood Framing (Cir. F3.0). 10c.
155 A guide to better home building. Free.
155 Your home and how to build it (framing). Free.
157 Facing tile handbook. 25c.
157 Structural glazed and unglazed facing tile handbook (Cat. 5H4B). Free.


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158 Standard for concrete masonry units (UL 618). Free.
159 Metal edge gypsum plank. Free.
159 Pyrobar gypsum partition tile. Free.
159 Three-inch short span gypsum roof tile. Free.
159 Two-ply wallboard application. Free.
159 USG steel roof decks. Free.
161 Building guide for good house painting. Free.
161 How to build farm buildings that last longer. Free.

2.7. Design Loads

20* American standard building code requirements for minimum design loads in buildings and other structures (M179). (Under revision).
20* Live loads on floors in buildings (BMS133). 25c.
20* Strength of houses: Application of engineering principles to structural design (BMS109). 70c.
120 Design data and load test on reinforced gypsum concrete floors and roofs. Free.

2.8. Driveways and Walks

153 Pecky cypress blocks for garden walks. Free.

2.9. Elevators

20* Elevator wire rope maintenance (Cir. C441). 5c.
20* Maintenance of elevator mechanical safety appliances (Cir. C442). 5c.
20* Maintenance of elevator hoistway and car enclosures and equipment (Cir. C443). 5c.
2.9. Elevators--Cont.

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110 Safety code for private residence
     elevators (A17.1.5-1953). $1.00.

2.10. Financing

8* FHA facts for home buyers
     (FHA-2098). 15c.
13* Construction financing for the
     home builder. 70c.
13* Financing the construction of
     prefabricated houses (Hsg. Res. Pap. 27). 40c.
13* When you buy a home look at the
     lot and neighborhood. 5c.
112 Facts you should know before
     buying or building a home. 10c.
151 Business dealings with architect
     and contractor (Cir. A2.0). 10c.
151 Financing the home (Cir. A1.3). 10c.

2.11. Fire Prevention and
     Fire Protection

2* Fire-resistant construction on
     the farm (Farmers' Bull. 2070). 15c.
2* Fireproofing fabrics (Farmers' Bull. 1786). 5c.
2* Fire safeguards for the farm
     (Farmers' Bull. 1643). 15c.
2* Protection of buildings and
     farm property from lightning
     (Farmers' Bull. 1512). 15c.
6* School fire safety (Bull. 1951, No. 13). 20c.
10 Evaluation of flame-spread resi-
     stance of fiber insulation
     boards (R1756). Free.
10 Fire-resistance tests of a com-
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10 Fire-resistance tests of plywood-
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10 Fire-retarding coatings (R1280). Free.
20* Code for protection against
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20* Fire resistance of shutters for
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     (BMS129). 10c.
20* Fire-resistance classifications
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     (BMS92). 35c.
20 Fire resistance and fire pre-

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     clay tile partitions (BMS113). 15c.
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     lightweight-aggregate concrete
     masonry units (BMS117). 25c.
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     gravel-aggregate concrete
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20* Fire tests of gunite slabs and
     partitions (BMS131). 15c.
20* Fire tests of steel columns en-
     cased with gypsum lath and
     plaster (BMS135). 15c.
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     tected with siliceous aggregate
     concrete (BMS124). 15c.
20* Flameproofing of textiles (Cir.
     4455). 15c.
20* Manual of fire-loss prevention of
     the Federal Fire Council (NBS
106 Fire protection through modern
     building codes. $2.00.
115 Fire resistance of redwood (Data
     sheet 2D2-7). Free.
127 Metal lath membrane fireproofing
127 Metal Lath News (metal lath for
     fire safety, economy, beauty)
     (Vol. 16, No. 2). Free.
127 Summary of metal lath and plaster
     fire resistive ratings. Free.
130 Fire prevention code. Free.
130 Nature's artillery (Lightning
     protection). Free.
130 NBFU list of publications. Free.
130 Storage, handing and use of
     flammable liquids (NBFU Pham-
130 Your farm and fire safety. Free.
130 Your fire safe home. Free.
133 Absorption of heat by waterfog.
     25c.
133 Build a fire safe home (G32).
     Free.
133 Carbon dioxide extinguishing
     systems (No. 12). 50c.
133 Extinguishing equipment (Vol.
133 Fire hazard tests of building
     materials (No. 255). 25c.
133 Fire protective construction on
     the farm (No. 223). 35c.
133 Fire tests of building construc-
     tion and materials (No. 251).
     25c.
133 First aid fire appliances (No.
     10). 50c.
133 Flammable liquids and gases

Issuing Agency

133 Homes and camps in forested areas (No. 224). 35c.
133 Lightning code, 1952 (78). 50c.
133 Installation of automatic fire alarm systems for private dwellings (No. 74). 10c.
133 NFPA list of publications. Free.
133 Protection against lightning (No. 78). 50c.
133 Standards for the installation of sprinkler systems (No. 13). $1.00.
133 The protection of openings in walls and partitions (No. 80). 50c.
133 There's no place like home for fire (GIA). Free.
133 Water spray systems for fire protection (No. 15). 50c.
133 Water systems for fire protection on farms (No. 296). 10c.
158 Fire protection equipment list. Free.

2.12. Floors and Floor Coverings

Issuing Agency

20* Live loads on floors in buildings (BMS133). 25c.
20* Effect of edge insulation upon temperature and condensation on concrete-slab floors (BMS138). 20c.
104 Carpets and their maintenance. $1.00.
104 Floor maintenance manual. $1.00.
118 Look under your floor coverings to find extra wear. Free.
126 A glimpse of an interesting modern home. Free.
126 Finishing northern hard maple flooring the MFMA way. Free.
126 How to lay a lifetime floor of northern hard maple. Free.
126 Northern hard maple, beech, and birch flooring. Free.
131 Principles of warm air floor panel heating. 13c.
137 Oak floors, a home owner's guide. Free.
139 Divider strip location and data bulletin. Free.
139 For safety: conductive terrazzo in anesthetizing locations. Free.
139 Outdoor terrazzo bulletin. Free.
139 Technical data and specifications for terrazzo and mosaic work. Free.
139 Terrazzo and mosaic catalogue and design book—3rd ed. $10.00.
139 Terrazzo and radiant heating. Free.
139 Terrazzo for fine floors. Free.
139 Terrazzo maintenance. Free.
139 Terrazzo resiliency tests bulletin. Free.
141 ASTM standards for magnesium oxychloride and magnesium oxysulfate cements. Free.
2.12. Floors and Floor Coverings--Cont.

Issuing Agency

141 Oxychloride flooring. Free.
150 Approved maintenance methods for rubber floors. Free.
151 Flooring materials (Cir. F4.6). 10c.
155 Southern pine floors. Free.
157 Brick floors and pavements (Vol. 4, No. 12). Free.
158 Floor treatment material. Free.

2.13. Fuels

5* Fuel oils (CS12-48). 10c.
13* Fuel consumption in the home (T8S5). 15c.
15* Questions and answers for the coal fireman (CFH). 15c.
15* Questions and answers for the home fireman (HFH). 15c.
15 Supplementing anthracite with other fuels for home heating (IC7260). Free.
151 Fuels and burners (Cir. G3.5). 10c.

2.14. Garage Construction

133 Garages, recommended requirements for the construction and protection of (No. 88, 1952 reprint). 25c.
151 Garages and carports (Cir. C5.9). 10c.
155 Southern pine garages and garage-apartments. 25c.

2.15. Gas Piping and Appliances

Issuing Agency

20* Cautions regarding gas-appliance attachments (Cir. C404). o/p.
103 American Gas Association appliance approval program. Free.
103 Clothes dryers--American standard approval requirements for domestic gas clothes dryers (Z21.5-1953). $2.00.
130 Gas piping and gas appliances in buildings, 1955 (54). Free.
133 Safeguarding gas appliances. 20c.
152 Southern standard gas code. $1.00.
158 Gas and oil equipment list. Free.

2.16. Hardware, Builders'

Issuing Agency

5* Builders' hardware (nontemplate) (CS22-40). 10c.
5* Hardware cloth (CS132-46). 5c.
12* Hardware, builders'; door closing devices (FF-H-121d). 15c.
12* Hardware, builders'; hinges (nontemplate) (FF-H-116b(2)). 10c.
12* Hardware, builders'; shelf and miscellaneous (FF-H-11a). 25c.
12* Hardware and fittings; (for) lavatory-partitions and in-closures (FF-H-136(1)). 5c.
151 Hardware for the home (Cir. F15.0). 10c.
2.17. Heating and Ventilating

Issuing Agency

2* Electric house heating. 15c.
2* Your farmhouse...heating (Misc. Pub. 689). 15c.
5 Automatic mechanical draft oil burners designed for domestic installations (CS107-56) (Mimeographed). Free.
5* Convector (AZ286-50). 5c.
5* Oil burning floor furnaces equipped with vaporizing pot-type burners (CS113-51). 10c.
5* Solid-fuel-burning forced-air furnaces (CS109-44). 10c.
5* Steel firebox boilers and steel heating boilers (Commercial and residential types) (AZ157-50). 10c.
5 Warm-air furnaces equipped with pressure-atomizing or rotary-type oil burners (CS195-54) (Mimeographed). Free.
5* Warm-air furnaces (equipped with vaporizing type oil burners (CS104-49). 10c.
8 Domestic water heating (Bull. ME-11). Free.
8 Steel tubing (Bull. UM-13). Free.
13* Application of the floor furnace in the heating of small houses (Tech. Reprint Series 9). 15c.
13* Fuel consumption in the home. 15c.
20* A study of a baseboard convector heating system in a Test Bungalow (BMS115). 20c.
20* Performance of a coal-fired boiler converted to oil (BMS111). 15c.
20* Temperature distribution in a Test Bungalow with various heating devices (BMS108). 15c.
20* Temperatures in a Test Bungalow with some radiant and jacketed space heaters (BMS114). 25c.
2.17. Heating and Ventilating--Cont.

Issuing Agency

117 Radiant heating. Free.
117 Radiant heating, simplified design and installation. Free.
119 Model specifications for the installation of wiring and plumbing for automatic electric storage water heaters (0-4). 25c.
121 Engineering standards. $10.00.
121 Net load recommendations for heating boilers. $4.00.
127 Metal Lath News (radiant heating in ceilings) (Vol. 17, No. 4). Free.
130 Air conditioning and ventilating systems of other than residence type (90A). Free.
130 Code for installation of heat producing appliances, heating, ventilating, air conditioning, blower and exhaust systems. Free.
130 Residence type warm air heating and air conditioning systems (90B). Free.
130 Small heating and cooking appliances (kerosene and fuel oil) (310). Free.
130 Principles of warm air floor panel heating. 13c.
133 Blower and exhaust systems, 1949 (91). 25c.
133 Class A ovens and furnaces (No. 86). 75c.
133 LPG piping, appliances in buildings (52). 35c.
133 Oil burning equipments, installation of (No. 31, 1955). 50c.
133 Warm air heating, residences, 1955 (90B). 35c.
140 A yardstick for classifying forced warm air systems (Manual 6). 75c.
140 Calculating heat losses (Manual 3). $1.25.
140 Calculating heat losses--simplified method (Manual 3). 60c.
140 Design and installation of gravity warm air heating system (Manual 5). $1.00.
140 Design and installation of warm air ceiling panel systems (Manual 7A). 75c.
140 Design and installation of warm air winter air conditioning systems (for small structures) (Manual 7). 75c.

2.18. Household Helps

Issuing Agency

140 Design and installation of warm air winter air conditioning systems (for large structures) (Manual 9). $1.00.
140 How to check frame house construction (Manual 2). 75c.
140 How to make a comfort survey (Manual 1). 75c.
140 Perimeter warm air heating and ventilating (Suppl. to Manual 9). 50c.
140 Service manual for continuous air circulation adjustments (Manual 6). $1.00.
140 4-inch pipe warm air perimeter heating (Manual 10). $1.00.
140 Summer air conditioning (Manual 11). $1.00.
140 Warm air perimeter heating (Manual 4). $1.50.
146 Baseboard heating. 10c.
146 Choosing a heating plant wisely. 10c.
151 Controls for central heating systems (Cir. G3.2). 10c.
151 Fuels and burners (Cir. G3.5). 10c.
151 Heating the home (Cir. G3.1). 10c.
151 Selecting windows (Cir. F11.1). 10c.
151 Window planning principles (Cir. F11.0). 10c.
158 Clearances and insulation of heating appliances (RB 27). Free.
158 Electrical equipment list. Free.
158 Gas and oil equipment list. Free.

2.19. Insulation, Sound

Issuing Agency

20 Acoustics: Publications by members of the staff of the National Bureau of Standards (LP34)(List). Free.
20* Sound insulation of wall and floor constructions (BMS144). 40c.
20* Sound insulation of wall, floor, and door constructions (Supplement to BMS144). 5c.
2.19. Insulation, Sound—Cont.

Issuing
Agency

101 Sound absorption coefficients of architectural acoustical materials (Bull. XVI, 1956). 50c.
101 Theory and use of architectural acoustical material. 25c.
120 Sound absorbing gypsum plaster. Free.
123 Sound insulation values of floors and walls. Free.

2.20. Insulation, Thermal

5* Mineral wool insulation for low temperatures (CSI05-48). 10c.
5* Structural fiber insulating board (CS42-49). 15c.
5* Thermal conductance factors for preformed above-deck roof insulation (R257-55). 5c.
5* Wood-fiber blanket insulation (for building construction) (CS160-49). 5c.
8 Heat loss calculations (Tech. Cir. 7). Free.
10 The treatment of sawdust insulation for protection against decay, insects, animals, and fire (R1092). Free.
10 Thermal insulation made of wood-base materials (D1740). Free.
13* Insulation of concrete floors in dwellings. 10c.
13* Insulation: Where and how much. 10c.
15 Home insulation with mineral products (Info. Cir. 7388). Free.
20* Effect of ceiling insulation upon summer comfort (BMS52). 15c.
20* Thermal insulation of buildings (Cir. C376). 10c.
102 Thermal insulation of concrete homes (Title 44-37). 60c.
112 Facts you should know about home insulation. 10c.
118 Insulating with plywood. Free.

2.21. Kitchens

2* Easy-to-build kitchen cabinets for the remodeled farmhouse (HG Bull. 18). 15c.
2* Your farmhouse—planning the kitchen and workroom (HG Bull. 12). 25c.
8 Kitchen storage space (Planning Bull. 1). Free.
133 Blower and exhaust system, 1949 (91). 25c.
151 Cabinet space for the kitchen (Cir. C5, 31). 10c.
151 Handbook of kitchen design (Cir. C5, 32R). $2.00.
151 Kitchen planning standards (Cir. C5, 32). 10c.
151 Separate ovens (Cir. C5, 33). 10c.
162 Kitchen of today. Free.

2.22. Landscaping and Gardening

2* Culture, diseases, and pests of the box tree (Farmers' Bull. 1855). 10c.
2* Growing annual flowering plants (Farmers' Bull. 1171). 15c.
2.22. Landscaping and Gardening--Cont.

Issuing Agency
2* Pointers on making good lawns (Lft. 281). 5c.
6* Landscaping the farmstead (Bull. 189). 35c.
16* General spraying and other practices (TP Bull. 6). 15c.
16* Safety for tree workers (TP Bull. 2). 15c.
16* Shade tree pruning (TP Bull. 4). 15c.
16* Tree bracing (TP Bull. 3). 10c.
16* Transplanting trees and other woody plants (TP Bull. 1). 25c.
115 Data sheets on garden structures. Free.
134 Lime hints for the home. Free.
134 Lime in agriculture. Free.
134 One hundred questions and answers on liming land. Free.
151 Land design (Cir. B3.0). 10c.

2.23. Lighting, Wiring, and Electrical Equipment--Cont.

Issuing Agency
119 Farm electrical equipment handbook, 1950 (50-8). $2.25.
119 Handbook of farmstead wiring design (M-8). 40c.
119 Handbook of residential wiring design (single family dwellings) (M-7). 25c.
119 Reconditioning flood damaged electrical equipment (F-13). 75c.
128 For better living your home needs adequate wiring. 4c.
128 Getting the most from your home's electrical system. 15c.
128 Improving your home's wiring system. 10c.
128 Residential wiring handbook. 25c.
130 National electrical code (Pam. 70). Free.
133 NFPA electrical code, 1953 (70). $1.00.
158 Electrical equipment list. Free.
158 General list of standards. Free.
158 Standards for air-conditioning, commercial, and domestic refrigeration equipment (UL 207(A)). Free.
2.24. Maintenance and Modernization

Issuing Agency

1 Concrete fence posts (Inf. Series No. 58). Free.
2* Your farmhouse: how to plan remodeling (HG Bull. 42). 15c.
6* Improving school custodial service (Bull. 1949, No. 13). 15c.
104 Cleaning and polishing compounds (how to select and use them). $1.00.
117 Maintenance, cleaning, finishing and coloring of copper, brass and bronze. Free.
118 Make your attic picture pretty (attic remodeling ideas). Free.
118 Pointers on remodeling your attic with plywood. Free.
127 Metal lath and plaster for beauty, strength, economy, and permanence. Free.
139 Terrazzo maintenance bulletin. Free.
146 Modern bathroom plans. 10c.
146 Plumbing care and repair. 10c.
157 The design of reinforced brick masonry retaining walls (Vol. 5, No. 10). Free.
162 Bunk bedroom details. Free.
162 Friendly home ideas in Western pine. Free.
162 Let's build a fence. Free.
162 Need another room? Free.
162 The basement recreation room. Free.

2.25. Masonry, Brick, Concrete, Tile, and Stone Building Units

Issuing Agency

8 Application of clay tile with adhesives (Bull. UM-19). Free.
8 Exterior masonry cavity wall construction (Bull. SE-65). Free.
8 Mortarless concrete block masonry (Bull. 1). Free.
8 Six-inch masonry wall construction (Bull. SE-169). Free.
13* Concrete masonry (Tech. Reprint Series 7). 15c.
14 Earth brick construction. 50c.
18* Concrete manual. $2.50.
20 Masonry, masonry units, and mortar (LP22)(List). Free.
20* Properties of cavity walls (BMS136). 15c.
20* Stone exposure test wall (BMS125). 30c.
20* Structural, heat-transfer, and water-permeability properties of five earth-wall constructions (BMS78). 35c.
109 Definition of terms relating to natural building stone (C119-50). 30c.
109 Definition of terms relating to concrete and concrete aggregates (C125-48). 30c.
109 Definition of terms relating to structural clay tile (C43-55). 30c.
109 Method of test for compressive strength of natural building stone (C170-50). 30c.
109 Specifications for building brick (solid masonry units made from clay or shale)(C62-50). 30c.
109 Specifications for ceramic glazed structural clay facing tile, facing brick, and solid masonry units (C126-55). 30c.
109 Specifications for facing brick (solid masonry units made from clay or shale)(C216-50). 30c.
109 Specifications for gypsum partition tile or block (C52-54). 30c.
2.25. Masonry, Brick, Concrete, Tile, and Stone Building Units--Cont.

Issuing Agency

109 Specifications for lightweight aggregates for insulating concrete (C332-54T). 30c.
109 Specifications for sand-lime building brick (C73-51). 30c.
109 Specifications for structural clay facing tile (C212-54T). 30c.
109 Specifications for structural clay floor tile (C57-52). 30c.
109 Specifications for structural clay nonload-bearing tile (C56-52). 30c.
109 Specifications for structural clay load-bearing wall tile (C34-52). 30c.
110 Sizes of clay and concrete modular masonry units (ASA Standard A62.3-1946). 50c.
122 Indiana limestone. Free.
125 Specifications recommended to secure dry brick walls. Free.
125 Type of workmanship recommended for concrete block walls. Free.
125 Type of workmanship recommended to secure dry brick walls. Free.
131 Concrete masonry construction details. 22c.
131 Concrete masonry in school construction. 20c.
131 Design and construction of lintels for concrete masonry buildings. 27c.
131 Design for survival. 8c.
131 Facts about concrete masonry. 27c.
131 Ideas for wall patterns with concrete masonry. 20c.
131 Notes and typical details on the use of concrete masonry in small swimming pool construction. 25c.
131 Reference manual for contractors, builders, masons. 15c.
131 Reinforced concrete masonry retaining walls. 25c.
157 Blueprint reading for brick-masons. 80c.
157 Brick and tile cavity walls. 30c.
157 Brick and tile engineering handbook of design. $5.00.
157 Brick for modern living. 25c.
157 Bricklaying I, revised. $4.00.
157 Bricklaying II. $4.00.
157 Bricklaying III. $4.00.
157 Color-engineered facing tile. 25c.
157 Design of masonry buildings for atomic blast exposure (Vol. 6, No. 2). Free.
157 Economical use of reinforced brick masonry (Vol. 6, No. 7). Free.
157 Essentials of good brick and tile construction. 25c.
157 Low cost masonry schools--A design study (Vol. 6, No. 5). Free.
157 Mortars for unit masonry (Vol. 4, No. 6). Free.
157 New brick homes. 50c.
157 Radiation protection with clay masonry (Vol. 6, No. 12). Free.
157 Reinforced brick masonry (Vol. 5, Nos. 1 to 4). Free.
157 Structural glazed and unglazed facing tile handbook (Cat. 54HB). Free.
158 The masonry house. $2.00.
157 The "SCR brick" wall (Tech. Notes Vol. 4, No. 4). Free.

2.26. Mortar and Pointing Compounds

12* Compound, calking; plastic (for masonry and other structures (Fed. Spec. TT-C-598 (2)). 5c.
20 Masonry, masonry units, and mortar (LP22) (List). Free.

Issuing
Agency
109 Specifications for mortar for unit masonry (C270-54). Free.
109 Specifications for hydrated lime for masonry purposes (C207-49). Free.
134 Masonry mortar. Free.
134 Specifications for lime and its uses in plastering, stucco, unit masonry, and concrete. Free.
138 Caulking compound manual (Cir. 770). Free.
157 Bonds and mortars in the wall of brick. Free.
159 Lime for masonry mortar. Free.

2.27. Motor Courts, Trailers, and Trailer Parks

13* Recommended standards for trailer courts. Free.
16* Lodges, inns, and hotels. Free.
19 Motel planning (BSB No. 19). Free.
19 Motels and trailer parks (BSB No. 27). Free.
19 Tourist courts--1953 operating ratios (BSB No. 66). Free.
133 Trailer coaches and trailer courts (501, 1952). Free.
162 Making motor courts pleasantly remembered. Free.

2.28. Painting and Decorating--Cont.

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Agency
10 Bleaching wood (R1705). Free.
10 Natural wood finishes for exteriors of houses (R1908). Free.
10 Plastic and mastic coverings for exterior walls of houses (R1937). Free.
10 Repainting the paint-neglected house (R1135). Free.
10 Some causes of blistering and peeling of paint on house siding (R6). Free.
10 The preservative treatment and staining of shingles (R761). Free.
10 The program of paint maintenance for the frame house (R1127). Free.
10 When and how to paint homes and farm buildings (R692). Free.
18* Paint manual. $1.75.
20* Paints for exterior masonry walls (BMS110). Free.
20* Painting steel (BMS102). Free.
102 Recommended practice for the application of portland cement paint to concrete surfaces (ACI 616-49). Free.
104 Paints (A guide for their selection and use for interior surfaces). Free.
111 How zinc controls corrosion. Free.
111 Metallic zinc paint. Free.
115 Exterior finishes for redwood (Data sheet 4B3-1). Free.
115 Interior finishes (Data sheet 4B4-1). Free.
115 Maintenance of exterior finishes (Data sheet 4B5-1). Free.
115 Redwood interiors: Specifications (Data sheet 3A7-1). Free.
115 Redwood paneling: Application and finishing (Data sheet 3A7-2). Free.
118 How to finish Douglas fir plywood. Free.
124 Lead (periodical). Free.
2.28. Painting and Decorating--Cont.

Issuing Agency

134 Whitewash and cold-water paints (Bull. 304-G). Free.
138 Caulking compound manual (Cir. 770). Free.
138 Facts about glazing (Cir. 735). Free.
143 The new paint, varnish, and lacquer catechism: complete. $1.00.
143 Why paint peels. 25c.
144 Painting and decorating craftsman's manual and textbook. $2.00.
153 How to paint Tidewater red cypress. Free.
155 Southern pine interior walls that add charm and beauty. Free.
160 How to hang wallpaper (Folder). Free.
161 Painting and finishing West Coast woods. Free.
162 Installing and coloring your walls of Western pine and associated woods. Free.
162 Painting over knots with clear knot sealer (WP-578). Free.
162 Primer knot sealer (WP-578-P). Free.

2.29. Planning--Cont.

Issuing Agency

2* Southern farmhouses (Lft. 303). 5c.
2* Split-level expansible farmhouse (Lft. 376). 5c.
2* Two-temperature walk-in refrigerator for the farm (Lft. 320). 5c.
2* Your farmhouse, how to plan remodeling (HG Bull. 42). 15c.
2* Your farmhouse, planning the bathroom (HG Bull. 19). 10c.
2* Your farmhouse, planning the kitchen and workroom (HG Bull. 12). 25c.
2* Your farmhouse, cut-outs to help in planning (HG Bull. 22). 30c.
8 Kitchen storage space (Planning Bull. 1). Free
8* Planning rental housing projects (PHA 2460). 15c.
8 Provisions for general storage space (Bldg. Planning Bull.). Free.
8* Space and equipment for rental housing (PHA 2467). 20c.
13* Application of climatic data to house design. $1.00.
13* Basements vs. no basements for houses. 20c.
13* Basic principles of modular coordination. 25c.
13 Climate and architecture--selected references. Free.
13* Greater livability at small additional cost. 20c.
13* House and site united (Const. Aid 3). 15c.
13* Modular coordination. 15c.
13* Modular method in dwelling design. 30c.
13* Planning the expansible house. 20c.
13* Record keeping for the small home builder. $1.25.
118 Douglas fir plywood, architectural catalog. Free.
118 Eight plans for plywood built-ins. Free.
118 Portfolio of architectural designs for plywood built-ins. Free.
131 Design and construction of lintels for concrete masonry buildings. 27c.
2.29. Planning--Cont.

Issuing
Agency

131 Ideas for wall patterns with concrete masonry. 20c.
146 Modern bathroom plans. 10c.
148 Construction and equipment of the home. $2.00.
148 Planning the home for occupancy. $2.00.
148 Planning the neighborhood. $2.00.
149 Ideas for homes of beauty booklet. 10c.
151 A basic farmhouse plan (Cir. C7.2). 10c.
151 Contemporary houses developed from room units (Tech. Series C2.2R). $1.00.
151 Fourteen split-level houses designed for solid-fuel heat. 50c.
151 Homes from pre-assembled wall panels. $1.00.
151 Household storage units (Cir. C5.1). 10c.
151 Interior design (Cir. H1.0). 10c.
151 Land design (Cir. B3.0). 10c.
151 New house designs for wall-panel constructions. 50c.
155 Low-cost homes (plan book). 15c.
155 Southern pine dairy farm buildings. 25c.
155 Southern pine smaller farm structures. 15c.
155 Your home and how to build it (plans and framing). 25c.
157 Brick and tile in landscape architecture (Vol. 6, No. 8). Free.
157 Garden walls of brick and tile (Vol. 6, No. 9). Free.
157 New brick homes. 50c.
157 Outdoor living. 35c.
161 An easy way of planning a farm home. Free.
162 Price list of plans. Free.

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Issuing
Agency

20* Investigations of failures of white-coat plasters (BMS121). 30c.
109 Specifications for gypsum (C22-50). 30c.
109 Specifications for gypsum lath (C37-54). 30c.
109 Specifications for hydrated lime for masonry purposes (C207-49). 30c.
109 Specifications for special finishing lime (C206-49). 30c.
110 Standard specifications for gypsum plastering and interior lathing and furring (A42.1-1955 A42.4-1955). 75c.
110 Standard specifications for portland cement stucco and portland cement plastering (including requirements for lathing and furring)(A42.2-1946, A42.3-1946). 50c.
120 Fireproof gypsum lath. Free.
120 Standard specifications for gypsum lathing and plastering. Free.
127 Metal lath and plaster for beauty, strength, economy and permanence. Free.
134 Specifications for lime and its uses in plastering, stucco, unit masonry, and concrete. Free.

2.31. Plumbing
(See also water supply)

2* Planning the electric water system and plumbing for your farmstead (Misc. Pub. 674). 15c.
2 Simple plumbing repairs in the home (Farmers' Bull. 1460). Free.
2.31. Plumbing--Cont.

Issuing Agency

5* Bituminized-fiber drain and sewer pipe (CS16-44). 5c.
5* Brass trim for water-closet bowls, tanks, and urinals (dimensional standard) (CS72-50). 10c.
5* Earthenware (vitreous-glazed) plumbing fixtures (CS111-43). 5c.
5* Enamelled cast-iron plumbing fixtures (CS77-51). 15c.
5 Porcelain-enamed tanks for domestic use (mimeographed) (CS15-44). Free.
5* Vitreous china plumbing fixtures (CS20-49). 15c.
12* Plumbing fixtures; (for) land use (Fed. Spec. WW-F-541b). 60c.
13* Fixture unit ratings as used in plumbing system design (Hsgn. Res. Paper 15). 15c.
13* Plumbing fixture arrangement (Const. Aid 1). 15c.
20* Capacities of plumbing stacks in buildings (BMS132). 25c.
20* Plumbing manual (BMS66). 50c.
20* Recommended minimum requirements for plumbing (BH13). $1.25.
20* Stack venting of plumbing fixtures (BMS118). 25c.
20* The self-siphonage of fixture traps (BMS126). 20c.
20 Underground corrosion (LP 7) (List). Free.
20* Water-distributing systems for buildings (BMS79). 20c.
21* Pumps and plumbing for the farmstead. 65c.
108 Air gaps in plumbing systems (A40.4-1942) and backflow preventers in plumbing systems (A40.6-1943). 55c.
110 American standard threaded cast-iron pipe for drainage, vent, and waste services (A40.5-1943). 30c.

2.31. Plumbing--Cont.

Issuing Agency

117 All-copper tube heating and plumbing installations in 3000 low cost homes. Free.
117 Brass pipe (handbook). Free.
117 Copper and brass pipe and tube bending handbook. Free.
117 Copper tube (handbook for plumbing and heating). Free.
117 Copper tube soil, waste, and vent stacks. Free.
117 Soldered joints in copper tube. Free.
124 Lead (periodical). Free.
124 Lead in modern plumbing. Free.
124 Lead work for modern plumbing. $1.50.
129 Progress report on underfired, center flued, domestic gas water heaters. 50c.
129 Report on hydraulics and pneumatics of the plumbing drainage system. 50c.
129 Report on plumbing cross-connections and back siphonage research. $1.00.
129 Water supply pipe for the plumbing system. $1.00.
145 How to handle enamelled cast iron plumbing fixtures. Free.
146 Modern bathroom plans. 10c.
146 Plumbing care and repair. 10c.
146 What you should know about plumbing. 10c.
151 Plumbing (Cir. G5.0). 10c.
152 Southern standard plumbing code. $2.50.

2.32. Roofing and Siding

Issuing Agency

3* Roofing, repairs and utilities (TM 5-617). 30c.
8 Asphalt insulating siding (Bull. UM-12). Free.
8 Asphalt strip shingles on low-pitched roofs (Bull. UM-18). Free.
8 Concrete roofing tile (Bull. UM-17). Free.
8 Fiberboard undercoursing for wood shingles (Bull. UM-14). Free.
8 Plank floor and roof construction (Tech. Cir. 8). Free.
8 Special zinc alloy building products (flashings, gutters, downspouts) (Bull. UM-3). Free.
2.32. Roofing and Siding--Cont.

Issuing
Agency
13* Clear-span roof trusses for one-
and-one-half story houses
13* Is your roof construction leaking
dollars? (Hang. Res. Paper
No. 5). 40c.
13* Prevention of cold weather roof
leaks (Hang. Res. Reprint
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117 Safeguard your home with copper,
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2.32. Roofing and Siding--Cont.

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3. Army, Department of the, U. S. Department of Defense, Washington 25, D. C.
7. Federal Civil Defense Administration, 1930 Columbia Road, N.W., Washington 25, D. C.
10. Forest Products Laboratory, U. S. Department of Agriculture, Madison 5, Wisconsin
12. Federal Supply Service, Specifications and Standards Branch, Standardization Division, General Services Administration, Washington 25, D. C.
14. Indian Affairs, Bureau of, Haskell Institute, Lawrence, Kansas (Make check payable to Treasurer of the United States)
21. Tennessee Valley Authority, Information Office, New Sprankle Building, Knoxville, Tennessee
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102 American Concrete Institute, 18263 W. McNichols Road, Detroit 19, Mich.
103 American Gas Association, 420 Lexington Avenue, New York 17, N. Y.
104 American Hotel Association, 221 West 57th Street, New York 19, N. Y.
105 American Institute of Steel Construction, 101 Park Avenue, New York 17, N.Y.
106 American Iron and Steel Institute, 350 Fifth Avenue, New York 1, N. Y.
107 American Society of Heating and Air-Conditioning Engineers, 62 Worth Street, New York 13, N. Y.
108 American Society of Mechanical Engineers, 29 West 39th Street, New York 18, N. Y.
110 American Standards Association, Inc., 70 E. 45th Street, New York 17, N.Y.
111 American Zinc Institute, Inc., 60 E. 42nd Street, New York 17, N. Y.
113 Asphalt Roofing Industry Bureau, 50 E. 42nd Street, New York 17, N. Y.
114 Building Officials Conference of America, Inc., Room 709, 110 E. 42nd Street, New York 17, N. Y.
115 California Redwood Association, 576 Sacramento Street, San Francisco 11, Calif.
116 Chamber of Commerce of the United States, Washington 6, D. C.
117 Copper & Brass Research Association, 420 Lexington Avenue, New York 17, N. Y.
118 Douglas Fir Plywood Association, 1119 A Street, Tacoma 2, Washington
119 Edison Electric Institute, 420 Lexington Avenue, New York 17, N. Y.
120 Gypsum Association, 20 N. Wacker Drive, Chicago 6, Illinois.
121 Heating, Piping, and Air Conditioning Contractors National Association, Suite 1843, 30 Rockefeller Plaza, New York 20, N. Y.
122 Indiana Limestone Institute, Bedford, Ind.
123 Insulation Board Institute, 111 W. Washington Street, Chicago 2, Ill.
124 Lead Industries Association, 420 Lexington Avenue, New York 17, N. Y.
125 Louisville Cement Company, Inc., 501 S. Second Street, Louisville 2, Ky.
126 Maple Flooring Manufacturers Association, Suite 548, Pure Oil Building, 35 E. Wacker Drive, Chicago 1, Ill.
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128  National Adequate Wiring Bureau, 155 E. 44th Street, New York 17, N. Y.
129  National Association of Plumbing Contractors, 1016 20th Street, N. W., Washington 6, D. C.
130  National Board of Fire Underwriters, 85 John Street, New York 38, N. Y.
131  National Concrete Masonry Association, 38 S. Dearborn Street, Chicago 3, Ill.
132  National Electrical Manufacturers Association, 155 E. 44th Street, New York 17, N. Y.
133  National Fire Protection Association, 60 Batterymarch Street, Boston 10, Mass.
134  National Lime Association, 925 15th Street, N. W., Washington 5, D. C.
135  National Lumber Manufacturers Association, 1319 18th Street, N. W., Washington 6, D. C.
136  National Mineral Wool Association, 2906 RKO Building, Rockefeller Center, New York 20, N. Y.
137  National Oak Flooring Manufacturers Association, Sterick Building, Memphis 3, Tenn.
138  National Paint, Varnish, and Lacquer Association, Inc., 1500 Rhode Island Avenue, N. W., Washington 5, D. C.
139  National Terrazzo and Mosaic Association, Inc., 711 14th Street, N. W., Washington 5, D. C.
140  National Warm-Air Heating and Air-Conditioning Association, 145 Public Square, Cleveland 14, Ohio
141  Oxychloride Cement Association, Inc., 1832 M Street N. W., Washington 6, D. C.
142  Pacific Coast Building Officials' Conference, 610 S. Broadway, Los Angeles 14, Calif.
144  Painting and Decorating Contractors of America, 540 N. Michigan Avenue, Chicago 11, Ill.
145  Plumbing Fixture Manufacturers Association, 1145 19th Street N. W., Washington 6, D. C.
146  Plumbing and Heating Industries Bureau, 35 E. Wacker Drive, Chicago 1, Ill.
147  Porcelain Enamel Institute, Inc., 1145 19th Street N. W., Washington 6, D. C.
148  Public Administration Service, 1313 E. 60th Street, Chicago 37, Ill.
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<td>Rubber Manufacturing Association, Inc.</td>
<td>444 Madison Ave., New York 22, N. Y.</td>
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<td>Small Homes Council</td>
<td>Mumford House, University of Illinois, Urbana, Ill.</td>
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<td>153</td>
<td>Southern Cypress Manufacturers Association</td>
<td>P. O. Box 5772, Jacksonville 7, Fla.</td>
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<td>154</td>
<td>Southern Hardwood Producers, Inc.</td>
<td>805 Sterick Bldg., Memphis 3, Tenn.</td>
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<td>Steel Joist Institute</td>
<td>1346 Connecticut Avenue, N. W., Washington 6, D. C.</td>
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<td>Structural Clay Products Institute</td>
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<td>Underwriters' Laboratories, Inc.</td>
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<td>300 West Adams Street, Chicago 6, Ill.</td>
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<td>Wallpaper Information Bureau</td>
<td>509 Madison Avenue, New York 22, N. Y.</td>
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<td>West Coast Lumbermen's Association</td>
<td>1410 S. W. Morrison Street, Portland 5, Oregon</td>
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<td>Yeon Building, Portland 4, Oregon</td>
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