

Stone, Sackville Freestone Co.
Structural Iron, Maritime Bridge Co.
Terra Cotta, Atlantic Terra Cotta Co., New York.
Varnish, Pratt & Lambert, Buffalo.
Ventilators, B. F. Sturtevant Co. of Canada.
General Contractor, Paul Lea Co., Moncton.

Cote Des Neiges School, Montreal.

Brick, Exterior, National Brick Co. of Laprairie and E. Rochefort.
Doors, W. J. O'Leary & Co.
Floor Reinforcing, Canadian Seigwart Beam Co.
Heating Engineers, T. Lessard & Sons.
Lumber, British Columbia.
Marble, Smith Marble & Construction Co.
Plumbing, T. O'Connell.
Stone, C. Piche, Montreal.
Structural Iron, Phoenix Bridge & Iron Works.
Terra Cotta, Montreal Terra Cotta Co.
Tile, Smith Marble & Construction Co.
Traps, C. A. Dunham Co.
General Contractor, E. N. & U. Boileau.

Beamsville High School.

Boilers, Spencer Heater Co. of Canada, Ytd.
Brick, Exterior, Milton Pressed Brick Co.
Brick, Sun Brick Co.
Expanded Metal, Pedlar People.
Glass, Leeks & Potts Co.
Heating Engineers, A. Rodgers & Co.
Hardware, Rice, Lewis & Co.
Hollow Tile, Sun Brick Co., Ltd.
Interior Woodwork, J. A. Hewitt, Beamsville.
Plumbing, A. Rodgers & Co.
Radiators, Steel & Radiation.
Stone, Queenston Quarries.
Structural Iron, Toronto Structural Iron Co.
General Contractor, Duncan Mavor, Beamsville.

Galt Public School.

Blackboards, North Bangor Slate Co., Bangor, Pa.
Boilers, Goldie & McCulloch Co.
Brick, Milton Pressed Brick Co.
Cement, Canada Cement Co.
Electric Contractor, Scott & Bennett.
Expanded Metal, Metal Shingle and Siding Co.
Flooring, Hardwood, J. R. Eaton Co.
Hardware, Jobber, Aikenhead Hardware Co.
Heaters, Sheldons, Limited.
Heating Contractors, Geo. E. B. Gringer Co.
Heat Regulators, Johnson Temperature Regulating Co.
Hollow Tile, National Fireproofing Co.
Hose Reels, Wilson & Cousins.
Interior Woodwork, Georgian Bay Shook Mills.
Ornamental Iron, Canada Wire & Iron Goods Co.
Plumbing Fixtures, Taylor & Brown.
Pumps, McDougall Co., Galt.
Radiators, Dominion Radiator Co.
Reinforcement, Trussed Concrete Steel Co.
Roofing, Paterson Mfg. Co.
Stone, A. & E. Nohs Co., London.
Structural Iron, Dominion Bridge Co.
Varnish, Pratt & Lambert.
Ventilators, Sheldons, Ltd.
General Contractor, P. H. Secord & Sons.

Sarnia Public School.

Blackboards, Turnbull & Cutcliffe.
Boilers, Weil Boiler Co.
Brick, Exterior, Milton Pressed Brick Co.
Casements, Trussed Concrete Steel Co.
Cement, Ontario Blue Lake Cement Co.
Lesks, Globe Furniture Co.
Electric Contractor, Mackenzie Electric Co.
Flooring, Terrazzo, Italian Mosaic & Marble Co.
Floor Reinforcing, Trussed Concrete Steel Co.
Glass, Pilkington Bros.
Hardware, Aikenhead Hardware Co.
Heat Regulators, Powers Regulator Co.
Hollow Tile, National Fireproofing Co.
Interior Woodwork, Shultz Bros. Co.
Marble, Adamson Marble Co.
Ornamental Iron, W. D. Beath & Son.
Plaster, Hewitson & Potter.
Plumbing, Anguish & Whitfield.
Plumbing Fixtures, Imperial Products, Ltd.
Radiators, American Radiator Co.
Stone, Central Canada Stone Co.
Structural Iron, Sarnia Bridge Works.
General Contractor, Shultz Bros. Co.

Brighton School, Brighton, Ont.

Blackboards, Lehigh Structural Slate Co.
Boilers, Dominion Radiator Co.
Brick, Sun Brick Co.
Hardware, Rice Lewis & Co.
Hollow Tile, Sun Brick Co.
Plumbing Fixtures, Imperial Products, Ltd.
Radiators, Dominion Radiator Co.
Stone, John Vokes and Cement Products Co.
Structural Iron, McGregor & McIntyre.
Telephone Equipment, Stromberg Carlson Co.
Vacuum Cleaners, Tuec Co.
Varnish, International Varnish Co.
General Contractors, Dickie Construction Co.

HOLT ROOF VENT CONNECTIONS.

The Paterson Mfg. Co., manufacturers of Barrett Specification roofing, have issued a booklet describing an improved line of roof leader and vent connections. The Holt connection, with its roof lock-fittings and its very important expansion-joint feature, is an ideal device, and will prevent leaks around outlets due to settling of roof-deck caused by shrinkage or settlement, or expansion and contraction in the leader-lines, and by entirely eliminating sheet-metal outlet-boxes it does away with the collapsing, condensation and leaks characteristic of that form of outlet. Its series of three gravel stops entirely prevent any loose gravel, leaves or roof rubbish from washing into and clogging the down-spout.

The connection is made entirely of copper and cast iron, and

therefore it insures service as lasting as any part of the roof and provides a flexible connection, made possible by an expansion-joint fitting which is entirely lacking in any other form of roof or leader-connection. The outlet is also made integral with the roof-deck by means of a lock-fitting which entirely prevents any strain or movement at the roof-line.

It is designed for use with any kind of flat or nearly flat roof construction—gravel, metal, inlaid slate, tile or felt—and for any place where vent-pipes, leader-lines, steam-stacks, flagpoles—in fact, any fixtures passing through the roof—require flashing.

MATERIAL SALESMEN VALUABLE TO ARCHITECTS.

To know that his architect subscriber considers the advertising pages of his architectural publication a *vade mecum* and a "compendium of useful knowledge" regarding all materials and appliances usable in his work may be very satisfactory to the publisher, but he is more satisfied when the advertisement prompts the architect to investigate the peculiar attributes of the advertised article so that he can apply it to that use most fitting to a particular design. It is not always possible to examine the material or appliance advertised in place or operation, or even on exhibition, but with a systematized business there is always time to converse with the intelligent salesman when he calls. Too few architects recognize the value of such interviews and their direct relation to the duty of giving the best service possible to the client. In this country, where the architect definitely specifies the material, and at whose dictum, rather than that of the paying owner, it is installed, this gathering of a detailed knowledge of materials is as important as the designing of stable construction. Even more so, because the contractor or superintendent can catch an apparent instability in plan, while the material once specified, only a superficial inspection of its quality, and none of its comparative fitness to the particular purpose is probable after it is specified. Thus the granting of a thorough interview to a salesman is as much a part of the day's work as an inspection and checking up of the plans going through the drafting room. New materials and new methods are evolved daily, and as just as rapid changes are taking place in design, a thorough knowledge of those materials most adaptable to the design is indispensable to the progressive architect. The advertising pages of his architectural journal furnish the information regarding the main qualities and purpose of a material, from which can be surmised its fitness to a particular purpose. The salesman gives the detailed information, and an inspection of the article itself decides the matter. The knowledge gained is in the direct interest of the client, and therefore has a direct influence on the reputation of the architect for capability in his community. The reputation of Dankmar Adler was based as much upon his intimate knowledge of materials and appliances as that of his genius for construction, and he acquired much of this knowledge from the expert representatives of manufacturers of materials.—The Western Architect.

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