

where one clear drawing will suffice. In consequence, it is a very easy book of reference, and most valuable where working drawings can be used. Each term peculiar to any branch of building is usually defined at the first of the chapter dealing with that branch, and the text then proceeds with description and illustration of the best methods in vogue. Very little information is included concerning the properties of building materials, and some of what is given is not true of the materials on this market. Where so many writers have had a finger in the pie one would expect to find repetition and contradiction, and that this is so in a very minor degree speaks well for the book and its editor. On the whole, it is a very excellent work, containing such a fund of building fact that it can not fail to be of value to any one occupied with building.

PUBLICATIONS RECEIVED.

American Society for Testing Materials.—Proceedings of 18th annual meeting.

Upper White District, Yukon.—By D. D. Cairnes. Report to the Department of Mines, Canada.

Department of Naval Service.—Report of the Deputy Minister for fiscal year ending March 31st, 1915.

Arisaig-Antigonish District, Nova Scotia.—By M. Y. Williams. Report to the Department of Mines, Canada.

Department of Public Works, Canada.—Report of the Minister for the fiscal year ending March 31st, 1915.

U.S. Bureau of Mines.—Fifth annual report of the director to the Secretary of the Interior of the United States.

The Oil and Gas Fields of Ontario and Quebec.—By Wyatt Malcolm. Report to the Department of Mines, Canada.

Department of Marine and Fisheries of Canada.—Forty-eighth annual report, covering the fiscal year 1914-15.

Canadian Production of Coal and Coke.—Annual report for the year 1914, as prepared by Mines Branch, Department of Mines, Canada.

Canada and the British West Indies.—By Watson Griffin. Published by authority of Sir George E. Foster, Minister of Trade and Commerce.

Relining Old Brick and Ashlar Sewers.—Bulletin on use of the cement-gun in this work. Published by the Cement-Gun Co., Inc., New York City.

Trenching Machinery.—U.S. Department of Agriculture, Bulletin No. 98, concerning trenching machinery used for the construction of trenches for tile drains.

Asphalt Primer and Colloidal Catechism.—A 20-page publication of the Barber Asphalt Paving Company, Philadelphia, explaining the principles of colloidal chemistry as applied to the paving industry.

Duty of Water Experiments.—Bulletin No. 4 of the Irrigation Branch, Department of the Interior, Canada, relating to experiments conducted at various points in the Canadian West. 62 pages, 6 x 9 inches, illustrated.

British Columbia Hydrographic Survey.—Water Resources Paper No. 14, Water Power Branch, Department of the Interior, Canada. Report for 1914, prepared by R. G. Swan, Chief Engineer; 534 pages, illustrated.

CATALOGUES RECEIVED.

Wells Light for Contractors, Etc.—Catalogue regarding portable night light burning kerosene oil. Published by the Alexander Milburn Co., Baltimore, Md.

COAST TO COAST

Calgary, Alta.—The Ogden bridge has reached such a stage of construction that street railway traffic is now passing over it.

Mimico, Ont.—The construction of the joint sewerage system of New Toronto and Mimico is proceeding with few interruptions owing to severe weather.

Winnipeg, Man.—The Arlington Street bridge has been practically completed and arrangements are being made for the routing of street car traffic over it.

Hamilton, Ont.—H. M. Marsh, Industrial Commissioner, in his annual report, stated that during the past year eight new industries had located in Hamilton.

Edmonton, Alta.—The total mileage of water mains in Edmonton at the present time is 162.23, with the number of services 10,495, or an average of 64.6 to the mile.

Munro Township, Ont.—An important platinum find is reported in Munro Township, ten miles east of Mathe-son, Northern Ontario. It is stated that assays, of which five were made, run from \$180 to \$1,800 a ton.

Montreal, Que.—An announcement has been made that the Canadian Car and Foundry Company has obtained a loan of \$1,500,000 from the Russian government, and it is understood that more funds will be available from the same source as needed.

Winnipeg, Man.—The Greater Winnipeg Water District Commission states that there will be no delay, owing to the financial condition, in the completion of the Shoal Lake aqueduct. Arrangements have all been made regarding money matters.

North Vancouver, B.C.—According to the annual report of Mr. A. B. Clucas, acting city engineer, during 1914 there were constructed in the municipality 1.5 miles of sidewalk, 1.7 miles of road graded, 3.9 miles of roads cleared, .17 mile of water mains laid, three hydrants and 28 gate valves installed.

Vancouver, B.C.—A decision favoring McIllwee and Sons in their suit for a quarter million dollars damages against Foley, Welch and Stewart over boring the C.P.R. tunnel at Roger's Pass has been handed down by the Privy Council, which dismissed with costs the appeal of Foley, Welch and Stewart from a judgment of the British Columbia Court of Appeals, awarding McIllwee and Sons the full amount of their claim. The plaintiffs claimed damages for a cancelled contract.

Toronto, Ont.—It is reported that legislation will be introduced at the coming session of the Legislature to provide for about \$300,000 more for the Toronto-Hamilton highway. This road will cost when completed about \$850,000 or \$900,000, whereas the money provided under the original estimate by debentures was only \$600,000. The increase in cost has been partly occasioned by the decision of the commission to increase the width of the road from 16 feet to 18 feet. This caused an additional cost of one-eighth, or \$75,000. Other items in increasing the cost were: The extra cost of carrying on operations in the cold weather; the effort to supply employment, \$50,000; old concrete culverts which were undermined and had to be replaced, \$100,000; washouts occasioned by a great midsummer rain-storm, \$50,000.