THE ONLY DAILY BUILDING NEWSPAPER IN CANADA

DAILY BUILDING RECORD

Record Publishing Co., Vancouver, Publishers. Covering British Columbia. Vol. 6, No. 74, Thursday, March 5, 1914

Wm. N. O'Neil Company, Ltd.
HIGH GRADE BUILDING MATERIALS
Having our Quotations and Estimates from your plans or otherwise, you receive the benefit of our long and practical experience and reigning conditions of the coast.
"DEAL WITH O'NEIL AND CONTENTED YOU'LL FEEL"
VANCOUVER Established 1898 VICTORIA

THE RAECOLITH FLOORING CO.
RAECOLITH
PLASTIC FLOORING
WATSONITE FLOORING
1059 Hamilton St. Sey. 8144

TROY ROOFING CO
Tar and Gravel Roofing
Water Proofing
Roof Repairing
All Work Guaranteed
Phone Seymour 7417.
212 Metropolitan Bldg.

FIBRE PLASTER and PLASTER OF PARIS
LIME and CEMENT
ALL CANADIAN MANUFACTURED GOODS
Very Highest Quality and Lowest Prices
RITCHIE CONTRACTING & SUPPLY CO., LTD.
North Side Granville Street Bridge. Phone Sey. 9162

CARTER DEWAR CROWE COMPANY Limited
PHONE Sey. 9422 - 8942 604-5 Birks Building Vancouver B. C.
TOCH'S R. I. W. WATERPROOFING ATLAS WHITE CEMENT WHITE WASTE

BUILDING PERMITS AMOUNTING TO $500 OR OVER ISSUED AT THE VANCOUVER CITY HALL YESTERDAY.

Number	Description	Cost	Street Address	Lot and Block	Subdivision	Architect	Contractor	Address	Owner	Address
6304	1 sto. fr. store	$600	1616 Davie St.			Contr.	A. S. Percy	4833 Fleming St., S. Van.	M. A. Carrall	1616 Davie St.
6306	Raise store and res.	$1,000	1172 Union St.			Owner	Owner		M. C. Englesman	1172 Union St.

OFFICIAL PROPOSALS, PAGES 2-3-4

SUBURBAN PERMITS—PAGE 2

P. E. HARRIS & CO., Ltd.
ELEVATORS
Passenger and Freight
MOTORS
Alternating Current Motors Kept in Stock From One to 100 Horsepower
504 Crown Bldg. Sey. 4698
VANCOUVER, B. C.

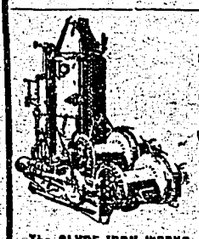
LOCK-TIE BRICK
Perfect Bond and Insulation
PHONE 2988 FT. OF COLUMBIA AV.
COLEMAN & EVANS LIMITED
EVANS
ANY COLOR CAN BE SUPPLIED
Saves 30 per cent in Cost
Any Size Building

KEEP POSTED
Read the Record

"USE BLACKWELL'S LINES"
E. G. BLACKWELL
108 ALEXANDER STREET
Vancouver, B. C.
Phone Seymour 1733.
Builders' and Contractors' Supplies.
Metal Lath, Metal Ceilings.
Corner Bead, Tool and Drill Steel.
Willamette Donkey Engines.
Blaisdell Vacuum Cleaners.
See me about Ready ROOFING. I have the best in the market.

The DAILY BUILDING RECORD
is read by every
Architect, Engineer and Contractor
in Vancouver and vicinity. Men who are constantly SPECIFYING and BUYING MATERIALS and MACHINERY

CLYDE HOISTS



are giving complete satisfaction in some of the largest construction work on the Pacific Coast. Let us send you a catalog, showing the 2099 types and sizes made by
The CLYDE IRON WORKS of Duluth, Minn., U. S. A.
TAYLOR & YOUNG Limited
513 Pacific Bldg. Vancouver, B. C.

HARDWOODS
Richards St. J. FYFE SMITH & CO. Phone Seymour 1196

For Sale
RABOK LIQUID CARBON PAINTS
For painting steel structures exposed to the weather or submerged in salt water.
Holmes Disappearing Beds make one room answer for two.
Oshkosh Ever-Ready Saw Rigs—five machines in one.
Also reinforcing steel—waterproofing, concrete mixers and a general line of building material.
Dominion Dock & Supply Co., Limited
PHONE SEYMOUR 3714. VANCOUVER, B. C.
204 509 RICHARDS ST.

Montreal Winnipeg London, Eng. Toronto Vancouver, B. C.
ROBERT W. HUNT & CO., LTD.
ENGINEERS
INSPECTION TESTS CONSULTATION
INSPECTION OF
STEEL, CEMENT, BUILDINGS, BRIDGES, PIPE, RAILS, CARS, LOCOMOTIVES, SECONDHAND EQUIPMENT, CREOSOTED MATERIAL, ETC.
CEMENT TESTING LABORATORY AND PHYSICAL TESTING LABORATORY AT 415-6 BANK OF OTTAWA BLDG., VANCOUVER, B. C.
Phone Seymour 2199.
Inspectors at All Large Manufacturing Plants.

GRANDVIEW IRON WORKS
LIMITED
ORNAMENTAL IRON
WIRE AND BRONZE WORK
Highland 136 1530 Venables St.

BALFOUR, GUTHRIE & CO.
CANADIAN "WHITE'S" CEMENT
THOS. FIRTH & SONS, LTD., TOOL AND MINING STEEL
PLAIN AND TWISTED REINFORCING STEEL BARS
BULLIVANT'S WIRE ROPE—FOR LOGGING AND HOISTING WORK
FROST'S PURE MANILA ROPE
WILKESON 72-HOUR FOUNDRY COKE, PIG IRON, FIRE BRICK, FIRE CLAY, PRESSED BRICK, PACIFIC LIME, ETC.
VICTORIA VANCOUVER

Gilley Bros., Ltd.
DEALERS IN
CRUSHED ROCK, SAND AND GRAVEL
All Kinds of Building Material
Phones 15 & 16 New Westminster, B. C.

OPEN TENDERS FOR EAST END VIADUCTS

Bridges, Vancouver—The council's bridges committee yesterday opened tenders for const. the four East End viaducts, both on the basis of a lump sum for the four and tenders on the separate viaducts. The tenders were as follows:

Tenders in Groups.

Ledingham & Cooper—Hastings & Pender, $194,496; Keefer & Harris, $162,516.

Union Contracting Co.—Hastings & Pender, $164,800; Harris & Keefer, $140,136.

R. McLean & Co.—Hastings & Pender, $136,500; Keefer & Harris, $112,400.

Canadian Ferro-Concrete Co.—Hastings & Pender, $171,787; Keefer & Harris, $143,643.

B. C. Granitoid Co.—Hastings & Pender, $190,000; Harris & Keefer, $165,000.

John Galt Construction Co.—Hastings & Pender, $232,625.75; Keefer & Harris, $191,838.70.

E. K. Campbell & W. Greenless—Hastings & Pender, $203,131.70; Keefer & Harris, $164,588.25.

Union Contracting Co.—Harris & Keefer, $140,136; Pender & Hastings, $164,800.

Tenders Singly.

Union Contracting Co.—Harris, $74,413; Keefer, $69,723; Pender, $70,250; Hastings, $98,150.

Hodgson, King & McPhalen Bros.—Hastings, $124,245.

E. K. Campbell & W. Greenless—Hastings, $124,218.40; Pender, $85,823.30; Keefer, $84,435.25; Harris, $86,530.10.

J. McDairmid Co.—Hastings, $120,157; Pender, $81,205; Keefer, $77,743; Harris, $84,765.

Baynes & Horie—Hastings, $149,420.

John Galt Const. Co.—Hastings, $139,478.60; Pender, $97,147.15; Keefer, $95,428.70; Harris, $100,430.

W. J. Smith, Ltd—Hastings, $104,351; Pender, $70,843; Keefer, $72,776; Harris, $74,450.

Bently Co., Ltd.—Hastings, $107,514.85; Pender, $80,983.10; Keefer, $80,695.15; Harris, $90,264.80.

Canadian Ferro Concrete Co.—Hastings, $100,807; Pender, $71,980; Keefer, $69,960; Harris, $74,683.

B. C. Granitoid—Hastings, $113,962; Keefer, $82,559; Pender, $82,559; Harris, $88,581.

Booker, Campbell & Whipple—Hastings, $111,062; Pender, $77,390; Keefer, $79,511; Harris, $80,481.

Robt. McLean & Co.—Hastings, $82,800; Pender, $53,700; Keefer, $53,900; Harris, $58,500.

Lump Contract Tenders.

B. C. Granitoid	$345,661
Union Contracting Co.	$299,930
J. McDairmid Co.	$363,870
W. J. Smith, Ltd.	$322,420
Bently Construction Co.	$359,458
Canadian Ferro-Conc. Co.	$315,430
Booker, Campbell & Whipple	$348,444
Robt. McLean Co.	**$248,900**

Tenders referred to city engineer for tabulation and report.

AWARD CONTRACTS FOR SUPPLY OF STEEL PIPE

Pipe, New Westminster—The contract for steel pipe for the Begbie st sewer outfall has been awarded to the Vulcan Iron Works. Tenders were submitted as follows:

Vulcan Iron Works	$550
Westminster Iron Works	765
Vancouver Engineering Works	780
Heaps Engineering Works	780

WANTS PROPOSALS FOR HYDRO-ELEC. EQUIPMENT

Hydro-Elec., Prince Rupert—City Clerk Ernest A. Woods will receive tenders until March 1 for complete power house equipment, approximately 1,600 horse-power hydro-electric development.

Tenderers to submit with tender general specifications from particulars on request.

TAKING FIGURES FOR BRICK STORE BUILDING

Archts. Braunton & Leibert, Exchange bldg, have plans and specif. ready for contractors to figure on constructing a 1 sto. 75 ft. frontage brick store bldg at Granville and Nelson sts.

Will Instal Cleaner

Tuec Co. has secured the contract to instal an 8-sweeper stationary vacuum cleaning plant in the new Vancouver hotel bldg.

VANCOUVER BUILDING PERMITS

Only Permits amounting to less than $500 will be found under this head.

6305—West Coast Granite Co., 1 sto. frame tool shed, Pender St. E., owner, $50.

6307—Jas. Kelly, 1 sto. frame stable, 617 Union St., owner, $150.

Materials To Be Used

6304—400 brk., 200 yds pl., 4 bbls cmt.

MANY TENDERS INVITED FOR MATERIAL SUPPLIES

Tenders for year's supplies are now being received by numerous institutions as follows:

Provincial Jail, New Westminster—Coal, lime, hardware, etc., until Mar. 7th.

Industrial School (Boys), Vancouver—Coal, hardware, ets., until noon, March 10th.

Industrial School (Girls), Vancouver—Coal, wood, hardware, etc., until March 7th.

Prison Farm, Okalla—Hardware, fuel, lime, etc., until March 7.

Provincial Jail, Victoria — Coal, wood, lime, hardware, etc., until Mar. 7th.

Mental Hospital, New Westminster—Coal, etc., until noon, March 14.

DRAWING PLANS FOR BUILDING ALTERATIONS

Store, Vancouver—McDonald's, Ltd., 470 Granville, who control the lease of the old Orpheum theatre (frame) bldg at Pender and Howe sts, are having plans prepared calling for alterations of the structure to utilize the ground floor, at least for store purposes.

Tenders will probably be taken to see if the work can be carried out within the limit set for alterations of existing frame buildings.

RUMORED THAT EATON IS TO BUILD IN VICTORIA

Store, Victoria—It is persistently rumored that the T. Eaton Co., of Toronto and Winnipeg, are negotiating for a site opposite the block now under construction for the Hudson's Bay Co., on which it is intended to erect a store building in Victoria.

The site in question is owned by Dr. Loenholm, of the Gorge Road, and the deal is being carried on at this end by Sturgess & Co., of Victoria.

WANTS FIGURES FOR EXCAVATING HOSPITAL LOT

Excavating, Vancouver—Geo. Haddon, Secretary, is receiving figures until 5 p.m., March 9, for excavating the site of the proposed new addns. to the bldgs of the Vancouver General Hospital.

Specif. from Archt. A. A. Cox, Carter-Cotton bldg.

MAY INVITE PROPOSALS FOR CEMENT, SAND, ETC.

Cement, etc., Oak Bay—The engineer is preparing an estimate on which it is reported the Oak Bay council will soon invite tenders for a year's supply of cement, sand and gravel.

The council has authorized a by-law providing $33,000 for local improvement work.

WILL RECOMMEND A FIRE ALARM SYSTEM

Fire Alarm, Port Coquitlam — The fire committee of the city council will recommend the installation of a fire alarm system for the city.

UNION IRON WORKS
IRON WORK OF ALL DESCRIPTIONS
Fair. 2173. 146-8 Lorne St. near Main

BOULTBEE - JOHNSON & COMPANY, Limited
Phone Seymour 9145
Carry at All Times a Heavy Stock of
FIREBRICK
Such as GARTCRAIG SCOTCH, ETNA SCOTCH, KILGARD and Firebrick for Oil Burners
Johnson's Wharf Vancouver, B. C.

Structural Steel For Every Purpose
BEAMS, CHANNELS, ANGLES, PLATES, TEES, COLUMNS
COMPLETELY EQUIPPED FABRICATING SHOPS
CANADIAN NORTHWEST STEEL CO'Y, Ltd.
Fairmont 2396 and 2397 VANCOUVER, B. C.

Montreal Winnipeg Glasgow, Scot. London, Eng. Antwerp, Bel. Toronto Vancouver
CANADIAN INSPECTION & TESTING LABORATORIES, LIMITED
STEEL, CEMENT, BRIDGES, PIPE, RAILS, CARS, LOCOMOTIVES, SECOND HAND EQUIPMENT, CREOSOTED MATERIAL, LUMBER, ETC.
Resident Inspectors at all Large Manufacturing Plants.
SAMPLERS AT CEMENT MILLS
:: Inspecting and Testing Engineers and Chemists ::
Phone Sey. 4606 VANCOUVER, B. C. Office: 916 Rogers Bldg.
Cement Testing, Supervision Steel and Reinforced Concrete Buildings.

ANTI-COMBINES CONTINUOUS SERVICE
HIGH DUTY STANDARD HIGH GRADE
VAN EMON ELEVATORS
SAFETY — SERVICE — QUALITY
CANADIAN VAN EMON ELEVATOR CO. LIMITED
VANCOUVER VICTORIA CALGARY EDMONTON

Mining Machinery, Turbine Pumps, Concrete Machinery, Hydraulic Machinery
Canadian Allis-Chalmers Ltd.
1063 Pender St. W. Vancouver, B. C. Seymour, 5710

COLIN F. JACKSON & CO.
Wire Rope for Crane Work
Rails and Dump Cars
PHONE SEYMOUR 600 N. E. END CAMBIE ST. BRIDGE

HOISTING ENGINES
Electric Hoists,
Gasoline Hoists
And Elevators
In All Sizes
MUSSENS LIMITED
101 Water St. Phone Sey. 3237

DAILY BUILDING RECORD
Published Daily Except Sundays
RECORD PUBLISHING COMPANY
Address: 583 Homer-Richards Lane.
Rear of 431 Dunsmuir Street
Telephone Seymour 7808

Clyde M. David.....Business Manager
G. S. Costello.....Editor
L. Walby.....Circulation Manager

POINT GREY PERMITS

1288—A. Renoit, 1826 16th ave W, 1 sto fr garage, lot 4, blk 487, DL 526; builder J. Thompson, 1065 15th ave W, $240.

1289—Sidney Bell, Kerrisdale, 1 sto alter, lot 6, subdiv 6, blk 17, DL 526, 41st ave; builders Failey & Cromic Kerrisdale, $400.

1290—E. H. Macey, Eburne Station, 1 sto chicken house, subdiv 1, blk 1001, DL 526, Park Road and Buckbery, owner builder, $150.

1291—A. Choquette, 4108 John st, So. Vancouver, 1 sto fr res, lot 11, subdiv 12, blk 16, DL 526, Balsam st; owner builder, $1500.

1292—W. Sandall, Kerrisdale, 1 sto fr res, lot 41, blk 28, DL 2027, 38th ave; E. H. Philips, builder, Kerrisdale, $2000.

INVITES TENDERS FOR PLUMBING AND WIRING

A. L. Ramage, archt. and contr., of 1350—6th ave. E., will receive figures for wiring and plumbing on a 2-sto fr. residence bldg., which he is erecting at 2,006—6th ave. E., for Geo. Willerton. Mr. Ramage can be found at the job.

He will take tenders for doors and windows soon.

Want Town Engineer.

Engineer—Town Clerk F. H. Clarkson, Melville, Sask., will receive applications until 6 p.m. March 16 for the position of Town Engineer.

DOMINION APPROPRIATIONS

Note—Many of these appropriations are re-votes from last year and on which construction was not undertaken.

Appropriations voted by the Dominion Parliament for 1914 include:

Public Buildings.

Votes for public buildings for British Columbia include: Ashcroft, public building, $25,000; Comox, public building to complete, $4,000; Courtenay, public building, $20,000; Coquitlam, public building, $20,000; Dominion building improvements, 17,000; Duncan station, public building, $40,000; Fernie, drill hall, $30,000; Golden, public building, $20,000; Greenwood, public building, $43,000; Kamloops, drill hall, $30,000; Kamloops, public building, $75,000; Kelowna, public building, $30,000; Merritt, public building, $25,000; Mission City, public building, $20,000; Nanaimo, public building, $25,000; New Hazelton, public building, $10,000; New Westminster, public building addition, $50,000; North Vancouver, drill hall, $30,000; Penticton, public building, $15,000; Port Alberni, public building, $5,000; Powell River, public building, $10,000; Prince Rupert, drill hall, $35,000; Prince Rupert immigration, detention building, $6,000; Prince Rupert, public building, $150,000; Prince Rupert, quarantine station, $100,000; Revelstoke, public building, $50,000; Sidney, public building, $20,000; Trail, public building, $20,000; Union Bay, public building, $15,000.

Vancouver Buildings.

Examining warehouse, $10,000; drill hall, $100,000; new detention building, $150,000; old postoffice building addition, $5,000; public building improvements, $10,000; postal station B., $125,000; postal station C., $45,000; public building improvements, etc., $5,000; and South Vancouver postal station D, $60,000.

Victoria Buildings.

New drill hall, $150,000; observatory, $10,000; postoffice improvements, $100,000; and William Head quarantine station new buildings, $75,000.

Harbors and Rivers.

Harbor and river votes for the West include in British Columbia: Ainsworth wharf, $10,500; Bindley's Landing, wharf, $4,000; Chemainus river, removal of logs, $1,500; Columbia and Kootenay rivers, wharfs generally, $20,000; Columbia and Kootenay rivers, improvements, $30,000; Fraser river improvements, $500,000; Fraser river, low, improvements, $63,000; Fraser river, upper, and tributaries improvements, $40,000; and Fraser and Thompson rivers, wharfs, $25,300.

Harbors, river and bridges, general repairs and improvements, $40,000; Kaslo wharf, $14,900; Nanaimo harbor improvements, $40,000; Okanagan river, protecting and improving, $25,000; Pritchard wharf, $3,500; Roys beach wharf, $3,000; Saanichton wharf, $7,750; Shelter point, Gillis bay wharf, $590; Sooke harbor, repairs to wharf, $2,500; Sooke harbor improvements, $7,500; Summerland wharf, $13,600; Thompson river, removing snags, etc., $2,500; Upper Lillooet river, removal of obstructions, $3,000; Van Anda, repairs to wharf, $4,800; William Head quarantine station, improvements and repairs, $3,000.

Vancouver Harbor	$1,000,000
British Columbia Dredging	$600,000
Esquimalt Drydock	$250,000

ESTIMATES FOR PUBLIC BUILDINGS IN ALBERTA

The Dominion estimates for public buildings in Alberta for 1914 include:

Athabasca Landing, addition to public building, $5,000; Bassano, public bldg., $25,000; Calgary, accommodation for assistant receiver-general, $50,000; Calgary customs examining warehouse, $300,000; Calgary, drill hall, $100,000; Calgary, headquarters for forestry and irrigation branches, department of interior building, $50,000; Calgary, new post office site and building, $250,000; Calgary, public building, improvements, etc., $3,000; Castor, public building, $20,000; Dominion, public buildings, renewals, improvements, etc., 10,000; Edmonton, post office addition, $100,000; Edmonton, customs examining warehouse, $75,000; Edmonton, new drill hall, $50,000; Grand Prairie immigration hall, $3,000; High River, public building, $30,000; Lethbridge, new public building, $12,000; Macleod, public building, $25,000; Medicine Hat, immigration building, $20,000; Medicine Hat, public building, $35,000; Red Deer, public building, $35,000; Veegreville, public building, $30,000; Vermillion, public building, $10,000; Wainwright, public building, $20,000.

ORPHEUM
Sey. 318 Granville St.
Advanced Vaudeville
MATINEE DAILY -- 2:45 -- 15c to $1
EVENINGS -- 8:15 -- 25c to $1

C. F. HARDING
Pile Driving, Wharves, Bridges and General Construction
324 Westminster Trust Bldg. Phone 975
NEW WESTMINSTER, B. C.

J. B. WHITE'S CEMENT
Has a Worldwide Reputation
It is Now Manufactured Locally at
BAMBERTON
R. V. WINCH & CO., LTD. AGENTS
OFFICE—SEY. 279 WAREHOUSE—SEY. 1944

PACIFIC LIME
Makes More Mortar Slakes Instantly Makes Better Plaster

PROPOSED NEW WORK

Character	Estimated Cost
Lodge Bldg.	$100,000
Oil Refining Plant	$500,000
School, probably brk.	
8-room conc. school	$50,000
8-room conc. school	$50,000
12-room fireproof school	$75,000
School Gymnasium, fireproof	$50,000
10-sto. office bldg	Not given
Armory	$350,000
Sisters of Good Shepherd	75,000
8 sto conc office	$200,000
3-sto apt hse	60,000
School-Club	$70,000
Bank building	Not given
8 sto 35x120 apmt	$130,000
5 sto reinf conc apmt	$80,000
Postoffice Bldg.	$100,000
School (fireproof)	$60,000
Church bldg	Uncertain
Office bldg.	$100,000
Steel & Conc. Transf. bldgs	$450,000
Women's Club	150,000
6 sto reinf conc rooms	$60,000
6-sto. brk. 66 ft. addn.	$75,000
6-sto. brk & mill apmt	$153,000
Theological College bldgs	$500,000
Church bldg	$75,000
Hotel	$2,000,000
Bridge	2,100,000
10 sto office bldg	$350,000
University bldgs	500,000
Brk and stone church	100,000
5-sto. brk. and conc. apmt	$110,000
Fireproof Theatre	$150,000
Hotel, 8-sto. fireproof	
Wharf	$400,000
Courthouse (east wing)	$300,000
3-sto brk & Mill	$30,000
Bank bldg	Not Given
5-sto. brk. warehouse	
2-sto. stores and offices	
Harbor Works	
Factory, Wharf, etc	$250,000
Wharf	$40,000
Apartment	$20,000
Residence	$14,000
Jetty	300,000
East End Viaducts (4)	$500,000
Causeway (Coal Harbor)	$250,000
Orange Hall	$40,000
2-sto. Lodge Hall	$20,000
3-sto. conc. laundry	$40,000
Shingle Mill	$100,000
Apartment	$20,000
18 Residences	$80,000
3-sto. apmt.	$12,000
3 8-room schools (each)	$40,000
6-sto 120x125 Warehouse	$100,000
Salt Water Bath Bldg	$75,000
Bathhouse & Park	$100,000
Church	$65,000
6-sto. hotel	$100,000
10 Residences	$50,000

Character	Estimated Cost
Brk. and mill schools	$50,000
Explosives Plant	$1,000,000
Y.W.C.A. Home	$150,000
14 sto office bldg	$750,000
7 sto conc rooming bldg	$100,000
Church	$100,000
Union Passenger Depot	$1,000,000
8 sto office bldg	$300,000
Stone church	$25,000
3-sto, 80x90, apmt	75,000
8-sto office bldg	230,000

Character	Estimated Cost
10-sto. office bldg.	$500,000
6-sto brk apmt	$160,000
10-sto office bldg	$250,000
10 sto office bldg	$250,000
Christ Church Cathedral	$400,000
6-sto. reinf. conc. apmt.	$300,000
Fireproof Theatre	$125,000
Concrete Seawall	$147,773
2 schools	$51,000
School	$10,000
Church	$40,000
Wharf (Marine Depot)	
5-sto. mill const. apmt	$200,000
Marine Depot Bldg	$250,000
Theatre Alterations	$35,000
Postoffice Addn.	$50,000
Jail	$80,000
Rink (Curling)	$30,000

Character	Estimated Cost
Woodworking Plant	$75,000
2 4-room schools	$40,000 each
Schools	$30,000
3-sto. hotel	Not given
3-sto. hotel	Not given
Shipyards	$100,000
Church (fr.)	
Hotel	$1,000,000
Depot bldg.	$1,000,000
Fertilizing plant & wharf	$125,000
5 sto brk. mill and steel	$150,000
School bldgs.	$50,000
Wharf	Not given
Detention Bldg.	Not given
Factory	$25,000

Location	Owner	Architect	Plans Ready
VANCOUVER			
Homer St.	N. W. Travellers' Asso.	No. arch commissioned yet	
Opposite Barnet	Imperial Oil	Not Known	Site Purchased
Point Grey	Western Residential Schools	Maclure & Fox	Soon
20th & Clinton	Vanc. School Board	Construction Dept.	Preparing
Pender st, blk. 70	Vanc. School Board	Construction Dept.	To Start Soon
Strathcona	Vanc. School Board	Construction Dept.	To Start Soon
King Edward "High"	School Board	Construction Dept.	To Start Soon
Dunsmuir and Granville	Dominion Bank	Not selected	
Grandview	Government	Perry & Fowler	Approved
Point Grey		Wallington & Wheatley	Tenders closed
Hastings & Hornby	E. A. Morris	Thomas Hooper	Delayed
Kitsilano	T. H. Calland	Wm. F. Gardiner	Delayed
Haro	Church of Holy Rosary	Tegan & Vezina	Tenders closed
Dunsmuir & Granville	Dominion Bank	Not selected	Sketches under way
Burrard near Davie	Smith & Smith	Not Selected	Delayed
West end	Name withheld	Horel & Roberts	tenders closed
Mount Pleasant	Government	A. Campbell Hope	Tenders soon
Burnaby	Burnaby school board	J. H. Bowman	Tenders soon
Van. Methodist Extension Society		In hands of committee	
Homer & Georgia sts	E. Mahon	W. F. Gardiner	Delayed
Burnaby & Hastings	B. C. Electric Co.		Plans r'eady soon
Thurlow St	Women's Clubs	Not chosen	
Pender St.	Law A. Soong	J. F. Watson (N. Westminster)	Delayed
Water near Carrall	W. H. Malkin	Not selected	Spring
Hastings & Jackson	Morden & Thornton	Braunton & Leibert	Permit issued
Point Grey		Probably Sharp & Thompson	
10th ave W	6th ave Methodists	Not selected	
Mt. Robson	G. T. P. Ry.	Company	Indefinite
2nd Narrows	Burrard Bridge & Tun. Co.	John Wolfe-Barry	Tenders close Apl. 1
Hastings & Abbott	A. Grossman	Russell B. & Rice	Delayed
Point Grey	Province	Sharp & Thompson	Preparing
Carl and Pender	Church of St. James	Alexander & Brown	Waiting funds
Robson St. (W. End)	Withheld	E. Evans & Son	Delayed
Main near Keefer	Withheld	J. J. Donnellan	Delayed
62-70 Pender E.		J. J. Frantz Const. Co.	April
No. Vancouver	Dom. Govt.	Govt. Draughtman	Preparing
Vancouver	Provin. Govt.	Dalton & Eveleigh	Preparing
7th & Quebec sts	Salvation Army	Toronto man	Filed
Pender & Main	C. Bank of Commerce	Dominion Realty Co., Toronto	Soon
P. R. Reserve	Local Man	Doctor, Stewart & Davie	Preparing
Main & Broadway	C. M. Bowman	W. F. Gardiner	Tenders Closed
Kitsilano Reserve	Government	Government	Preparing
Hastings	Royal Crown Soap Co.	Thos. Hooper	Preparing
West Vancouver	Municipality	McAlpine-Robertson Co.	Tenders Soon
5th & Pine Sts.	E. French	Raphael A. Nicholais	Preparing
Shaughnessy Heights	Geo. Walkem	R. M. Fripp	Tenders Closed
Fraser River	Dom. Govt.	Govt.	Tenders Soon
Great Northern Cut	City	City Engineer	Tenders Close Mar. 5
Coal Harbor	City of Vancouver	City Engineer	Tenders Soon
Hastings & Gore Ave.	Orange Lodge	Not selected	In few weeks
Grandview	Orange Lodge	Not selected	
Beach Ave. & Howe St.	Cascade Laundry	Local Engineer	Taking Tenders
Vancouver	H. W. Stuchell, Everett, Wn.	(Reported Preparing to Build Here.)	
Broadway E.	Withheld	B. Dudley Stuart	March 5
Point Grey	Withheld	Tegan & Vezina	Some Ready Now
10th and Alma Road		Tegan & Vezina	Tenders in March
Point Grey	P. G. School Board	Waiting Sale of Bonds	
Smyth & Homer	McClary Mfg. Co.	Nothing definite decided yet.	
English Bay	Van. Park Board	Only Tentative Plans Drawn	
Kitsilano Beach	Van. Park Board	No plans drawn yet	Waiting Funds
3rd and Vine	Kitsilano Presbyterians	H. B. Watson	Soliciting Funds
Carrall near Cordova	King's Hotel	E. E. Blackmore	Taking Tenders
13th near Manitoba	Vernon Bros.	Vernon Bros.	Now
VICTORIA			
Victoria	City	Spurgin & Wilkins	Indefinite
Near Victoria	Victoria Chemical Wks	Work under way	
Victoria	Y. W. C. A.	J. C. Frame	Soliciting Funds
Victoria	Albion Trust Co.	H. S. Griffith	Indefinite
Alexander near Carrall	Seamans Home	Hellyer & Archer	Indefinite
Victoria	First Baptist Church	Jesse M. Warren	Delayed
Victoria	C. P. R. and C. N. R.	Co. Engineers	Preparing
Victoria	German Can. Trust Co.	No further details available	
Victoria	St. Barnabas	Jones & Beatson	Arranging finances.
Victoria	Lindsay & Roberts	Horel & Roberts	Undecided
Victoria	Dom. Trust Co.	H. S. Griffith	Indefinite
Victoria		Thos. Hooper	tenders closed
Victoria		W. T. Whiteway	Soon
Victoria	Harry Hume		Delayed
Victoria	B. C. Electric Co.	A. A. Cox	Soon
Victoria	Weiler Bros.	J. C. M. Keith	
Victoria	Christ Ch. Cathedral Bldg Ltd.	Jennings & Boulanger	Delayed
Victoria	C. C. Pemberton & syndicate	J. J. Donnellan	Delayed
Victoria	Withheld	Govt. Draughtsmen	Tenders soon
Victoria	Dominion Govt.	Keith & Watkins	Taking Tenders
Victoria	City School Board		
Saanich (Victoria)	School Board		Fund Just Collected
Victoria	1st Presbyterian Church	Govt.	Tenders Close March 12
Victoria	Govt.	J. J. Donnellan	Delayed
Victoria	Withheld	Government	Tenders wanted soon
Victoria	Government		Plans preparing
Victoria	Princess Theatre	Govt. Draughtsmen	Tenders Closed
Victoria	Dom. Govt.	J. C. M. Keith	
Victoria	City of Victoria	Coates & Flett	To Build This Year
Victoria	Victoria Curling Club		
BRITISH COLUMBIA—GENERAL			
New Westminster	West. Woodw'k'g Co.	To Rebuild Plant Recently Burned	
Vernon, B.C.	Vernon School Board	Bell & Constant; Branch & Coxall	
Chilliwack	Municipality	Not known	Ready now
White Rock, B. C.	W. R. Develop. Co.	Not selected	April
Port Alberni	Vancouver parties	(See Tom McGrath, at Port Alberni)	
Fraser River	K. L. Burnett & Syndicate	N. A. Leech	Preparing
Coquitlam	Episcopal Church	Perry & Fowler	Tenders soon
Prince Rupert	Grand Trunk Pacific	F. M. Rattenbury, Victoria	Soon
Prince Rupert	Grand Trunk Pacific	F. M. Rattenbury (Victoria)	Soon
Skeena River	Scot.-Amer. Oil & Fer. Co	J. S. D. Taylor	Tenders closed
Kamloops	Kamloops Hotel Co	W. T. Whiteway	Delayed
Kuper Island, B. C.	Government	Indian Dept. (Ottawa)	Not Known
Ainsworth, B. C.	Government	Government	Tenders closed
William Head	Government	Government	Tenders closed
Lulu Island	Morrison Steel & Wire Co.	Owners	Day Labor

(Continued on Page 3)

MADE IN VANCOUVER
MURPHY IN-A-DOR—WALL—SEAT—ROLLING—CAMREE BUNK BEDS
MARSHALL AND STEARNS OSCILLATING PORTAL WALL BEDS
Perfect Concealed Bed Co., Ltd.
Suite 106, 570 Granville St. Sole Manufacturing Agents Vancouver, B. C. Phone Sey. 5092

GLASS
OF ALL KINDS
Wm. HOLT
Fair. 1238 425 Dufferin W.

FOUNDATION TEST WORK
BORINGS MADE TO ANY SIZE.
BY CORING METHOD
K. S. Robinson
503 Winch Bldg. Sey. 6888

WADDY & YOUNG
Specialists
CRANES, RUNWAYS, TROLLEYS, CHAIN BLOCKS
Enquiries Solicited for All Lifting and Shifting Machinery
AGENTS FOR HERBERT MORRIS CO., TORONTO
Northwest Trust Bldg. Seymour 6763

Point Grey Supply Co.
ALL BUILDERS LINES
Head Office, Kerrisdale B. C. Phone Eburne 222R

N. A. G. Paints, Stains and Roof Compositions
Made By
NEWTON & GREER CO., LTD.
345 Water St., Vancouver; 83 Commercial St., Nanaimo, B. C.; 628 Clarkson St., New Westminster; 1326 Wharf St., Victoria

CEMENT TESTING Bayview 1134
J. P. Wright, F. C. S. Eng. M. A. C. S.
Specialist in Portland and Other Cements
Expert Adviser on Building Materials, Etc.
CHEMICAL ANALYSIS P. O. Box 546 3315-7th Ave. W. VANCOUVER, B. C.

THE
Architect, Builder and Engineer
A magazine published twice a month, contains much valuable information to anyone interested in construction and building in BRITISH COLUMBIA OR ALBERTA
Subscription only $1.00 a Year
RECORD PUBLISHING COMPANY
583 Homer-Richards Lane. Phone Sey. 7808.

BARKER STATIONARY VACUUM CLEANERS
WE MAKE A SPECIALTY OF INSTALLING FINISHED HOUSES
MADE IN VANCOUVER BY
BARKER KRUSE & PATTULLO
200 SOLD IN VANCOUVER AND VICTORIA.
Highland 1110 Carter & McKenzie, Victoria Agents. 1957 Napier St.

Continental Marble Company Ltd.
Large stock of imported and British Columbia Marble at our works. We invite you to call and see our Modern Marble plant, which will insure you of satisfactory work and prompt delivery. Estimates cheerfully given.
Office, 508 Rogers Bldg. Phone Sey. 6448. Factory in Rear of B. C. Electric Car Barns, Main St. Vancouver, B. C.

STOP THAT LEAK!!
With
Amazon Roofing Cement
MANUFACTURED BY
THE PATERSON MANUFACTURING CO. Limited
Vancouver Factory and Office: Tenth Ave. and Arbutus St.
PHONE BAYVIEW 772.

It Pays Contractors To Advertise
You have service for sale—
ADVERTISE IT!
You have a reason for being in business—
ADVERTISE IT!
You realize that the better you are known the more business you will do. Ask our advertising manager to talk the matter over with you. Sey. 7808.
Rear 431 Dunsmuir St RECORD PUB. CO. 583 Homer-Richards Lane,
Publishers of DAILY BUILDING RECORD and ARCHITECT, BUILDER & ENGINEER

ROMAN MOSAIC
TERRAZZO PAVING
TERRAZZO STEPS
WAINSCOTTING AND BASE
WINDOW SILLS
ALL KINDS OF CEMENT WORK
B. C. MARBLE TERRAZZO CO.
ALL ROMAN, MOSAIC AND TERRAZZO LAID BY ITALIAN EXPERTS.
FIRST CLASS WORK GUARANTEED
OUR WORK IS OUR REFERENCE
PHONE SEY. 6900 212 HARRIS ST.
O. TRAMONTINI, MGR. VANCOUVER, B. C.

PEASE PACIFIC FOUNDRY LIMITED.
Furnaces -- Boilers -- Radiation -- Pipe and Fittings
School Heating and Ventilating Apparatus
Office and Warehouse, 1136 Homer St., Phone Sey. 3230

ROBT. HAMILTON & CO.
HEATING AND VENTILATING FANS
BOILERS, CONTRACTORS HOISTS
Office Suite 614-615-616. Bank of Ottawa Building.

Factories, Coquitlam, B. C. M. J. Hynes, Mng. Director
HYNES STONE & STAFF CO.
MANUFACTURERS OF ART VERONA STONE. STAFF ORNAMENTS TO DETAIL IN CEMENT FOR INTERIOR OR EXTERIOR.
PLASTERERS AND MODELERS.
Office, 614 Hastings St. W. P. R. Adams, Mgr. Phone Sey. 8598

J. A. DEWAR CO., Limited.
Producers of and Dealers in
Crushed Rock, Washed and Screened Sand and Gravel
Office: Sey. 4534 119 PENDER STREET WEST Bankers, Sey. 8751

Frank Darling & Co.

CONTRACTORS FOR

Cold Storage Insulation Material

NONPAREIL Corkboard
NONPAREIL Cork Pipe Covering
NONPAREIL High Pressure Steam Covering
Granulated Cork

Cork Brick for Dairy Barn Floors

STOCK CARRIED AT 1142-4 HOMER ST.
VANCOUVER, B. C.
PHONES SEY. 4100--4101

B. C. Distributors for Armstrong Cork Company, Pittsburg, Pa.

Vancouver Floor Co.

FLOORLAYERS

Everything Pertaining to Floors of Wood

SANSAN COMPOSITE

8 and Glen Drive — Fair. 1612
Vancouver B. C.

Builders' Specialties
Rib-Trus — Multiplex Plate
Raydiant Sidewalk Lights

Warrington & Johnson

Sey. 4912. 303 Duncan Bldg. Vancouver, B.C.

HENRY PETERSON

Pile Driving, Wharfs, Bridges, Etc.

PLANS and SPECIFICATIONS PREPARED

1905 Quebec St. — Phone Fairmont 1869

LAND CLEARING

Modern methods. All Roots removed. Will contract to clear an acre or a townsite

MACHINERY FOR SALE

Tel. Sey. 5479

CROSS & PANTELIC — 1211 Dom. Bldg.

Dominion Iron Works, Limited

BOILERS, STEEL TANKS, STACKS, SHIP REPAIRS

Boilers for Sale. Steel Plate and Iron Work — Sey. 2623

The Value of Spare Moments

From every section, and from all sorts and conditions of men, messages come to tell of earnings increased and futures brightened through study of I. C. S. Courses during spare time.

One letter gives the romance of a young man in California that began with little or no education; another tells the story of a high school graduate in Maine that found himself educated for everything but to make a living. Here are the heart-trobs of a fellow that toiled 12 hours a day and studied his Course as best he could; of a foremen or superintendent that enrolled because his ambition aimed at still bigger things.

No matter where you live, how little spare time you have, or how brief your schooling, the I. C. S. can raise your salary. That statement is backed with 20 years of success and a record of 400 or more advancement letters received every month.

I. C. S. Courses have made draftsmen, foremen, and superintendents of shop hands; building contractors, architects, structural and concrete engineers of carpenters and masons; advertising men, window trimmers, chemists, illustrators, and designers of clerks; electrical, mechanical and steam engineers of laborers; mine inspectors, foremen, and mining engineers of mine workers; bridge engineers, surveyors and mappers, civil engineers, gas engineers, automobile runners and civil service employees of young men willing to use their spare time to mold a career.

Suppose you were to increase your earnings only $20 a month—what a fine return that would be on your spare-time investment! Yet some have increased their earnings $250 a month.

Mark and mail this coupon and you will receive free information how you can increase your earnings by spare-time study.

International Correspondence Schools

Of Scranton, Pa.

Local Office: 642 Robson St., Vancouver, B. C.

Please explain, without further obligation on my part, how I can qualify for a higher salary and advancement to the position, trade, or profession before which I have marked X.

Salesmanship	Bridge Engineer
Bookkeeper	Civil Engineer
Stenographer	Surveying and Mapping
Advertising Man	Mechanical Engineer
Window Trimming	Mechanical Draftsman
U. S. Civil Service Exams.	Stationary Engineer
Mining Engineer	Architect
Mine Foreman	Architectural Draftsman
Railroad Constructing	Contracting and Building
Chemist	Structural Engineer
Commercial Illustrating	Structural Draftsman
Automobile Running	Concrete Construction
Electrical Engineer	Plumbing & Steam Fitting
Electric Wireman	Heating and Ventilation
Electric Lighting	Plumbing Inspector
Electric Railways	Estimating Clerk
Heavy Electric Traction	Agriculture
Telephone Expert	Poultry Farming

Name .....

Street and No. .....

City ..... State .....

Present Occupation .....

PROPOSED NEW WORK

(Continued from Page 2)

Character	Cost
Concrete Sanitorium	$100,000
School (add wing)	$27,500
School Office Bldg.	$8,000
Jetty (Second Unit)	$300,000
Town Hall	About $10,000
Flour Mill & Elevator	$250,000
Govt. Bldg.	$42,900
Provincial Home (Central Wing)	
Elevator Bldg.	$40,000
Hospital	$90,000
City Hall	$50,000
Office Bldg. & Oil Plant	$200,000
Theatre Alterations	
2-sto. apmt.	(No Details)
Town Hall	$10,000

Location	Owner
Kamloops	B. C. Anti-Tuberculosis Soc.
South Vancouver	S. Van. School Board
South Vancouver	S. Van. School Board
Fraser River (lower)	Dominion Govt.
Chilliwack	Township Council
Coquitlam	Terminal Grain Elevator Co.
Greenwood, B. C.	Dominion Govt.
Kamloops, B. C.	Provincial Govt.
Kamloops	Kamloops Produce Co.
Nelson, B. C.	Municipality
Nanaimo, B. C.	City of Nanaimo
Prince Rupert	Imperial Oil Co.
Nanaimo	Nanaimo Opera House
Prince Rupert	
Port Moody	Municipality

Architect	Plans Ready
Dalton & Eveleigh	Tenders Closed
Not Selected	Included in 1914 Estimates
Not Selected	Included 1914 Estimates
Govt.	May Invite Tenders soon
Not Selected Yet	
Plans Approved	No Date Given
	John Burns & Son, of Nelson
	Reported Work Will Start Soon
Not Known	Work Will Start Soon
Now petitioning for appropriation.	
Not Drawn	Asking Govt. Grant
G. A. Woodland, P. Rupert representative	
Extensive Addns being Considered	
Jas. Gilmore of P. Rupert	Preparing
J. H. Bowman	Day Labor

(Continued on page 4.)

SPECIAL NOTICE TO CONTRACTORS

Re Greater Winnipeg Water Supply

Estimated Cost $13,500,000.00

Notice is hereby given to contractors that tenders will be invited early in the year 1914 for the construction of the works necessary for the delivery of water from Shoal Lake to the Greater Winnipeg Water District. The following is a brief description of the proposed works:

1. A dyke and channel for the diversion of the Falcon River into Snowshoe Bay.
2. 85 miles Concrete Aqueduct.
3. 1 miles Pipe Line. (Probably 1916 work.)
4. 900 lin. ft. tunnel under Red River.
5. 85 miles of construction railway.
6. Telephone Line.
7. Clearing and Ditching.

The fall season of the year affords the best opportunity for inspection of proposed route of the aqueduct, and it is recommended that contractors having a view to tendering on the work should send their inspectors over the line at as early a date as possible.

Particulars as to estimated cost of the work and map of approximate location and profile of aqueduct may be obtained from the undersigned.

M. PETERSON,
Acting Secretary of the Administration Board, Greater Winnipeg Water District.
City Hall, Winnipeg, Canada.

ARCHITECTS

Archer, Wm., H., 429 Pender St. W.....
R. H. Atkinson, 347 Pender St. W..S. 2622
Radford, J. A., Winch Bldg.....
Badgely, C. D., Riggs-Selman Bdg.....
Barker & Jamieson, 429 Pender W...S. 8831
Bamforth, T. H., 319 Pender St. W...S. 3125
Bird, A. J., Winch Bdg. .....S. 4288
Birds, S.B., A.R.I.B.A., Duncan Bldg. S. 4897
Birkenhead, G. A., 715 Cambie St.....
Blackmore, E. E., 1002-3 World Bldg. S2379
Blair, David, 522 Pender W. .....S. 7108
Bow Bros., 206 Loo Bldg .....Sey 7366
Bowle, G. P., 206-07 Bk. of Ottawa, S. 3010
Bowman, J. H., Crown Bdg. .....S. 5028
Brauton & Liebert, Exchange Bldg...S. 2921
Bryan & Gillam, N.W. Trust Bdg., S. 5508
Campbell, M. D., Exchange Bdg.....S. 5074
Combs, P. S. & Son, Bower Bldg.....S. 8870
Cox, A. A., Carter-Cotton Bdg.....S. 6677
Cross, Franklin, 342 Pender St. W....S. 8154
Dalton & Eveleigh, Davis Chmbs.....S. 642
Doctor, Stewart & D., Bower Bldg..S. 876
Dodd, W. M., Rm. 1, 824 Hasting W. S. 6985
Donnellan, J. J., 319 Pender St. W....S. 6045
Dunlap, G. W., 404-7th Ave. E.....
Dutour, J. B., Riggs-Selman Bdg.....S. 2912
Duncan, W. S., 812 Robson St.....
Wetenhall, E. B., 102 Loo Bdg.....S. 8372
Dewar, Andrew, 84 Lonsdale, N. Vancouver
Fraser, Kenneth, 734 Granville St...S. 9096
Fripp, R. MacKay, Hutchinson Bdg., S. 4932
Gardiner, W. F., Hartney Chmbs.....S. 2615
Gould & Wood, Rogers Bldg.....S. 8443
Grant, Henderson & Cook, Willms B., S. 1598
Griffiths, H. S., Dom. Trust Bdg.....S. 4920
Gardiner & Mercer, M.S.A., N. West.....661
Guenther, E., 404 N.W. Trust Bldg...S. 5125
Helyer & Archer, Dominion Bldg...S. 4499
Hodgson, H. A., Carter-Cotton Bdg., S. 6260
Honeyman & Curtis, 821 Pender W., S. 1621
Hooper, Thomas, Winch Bdg.....S. 5351
Hope, A. C., Empire Bldg.....S. 5925
Horel & Roberts, 1101-2 Dom. Bldg. S. 1901
Horton & Phipps, Pacific Bdg.....S. 7096
James & Davidson, 504 N.W. Tru. B., S. 9532
Jones & Beatson, Hutchinson Bdg...S. 5024
Jones & Aspell, Hartney Chmbs.....S. 4418
Jullien, P. M., Arts and Crafts Bdg., S. 8270
Kaufmann, G. B., 615 Hastings W....S. 7488
Keagey, J. W., Rogers Bdg. .....S. 2746
Leech, N. A., 615 Pender W .....Sey. 4156
Macdonald, R. J., 615 Hast. W.....
Macey, Frank W., 728 Rogers Bldg...S. 1804
Maclure & Fox, Pacific Bldg.....S. 4396
MacKenzie & Kerr, 330 Homer.....S4255
Matheson, J. P. & Son 809 N.W. Trust, S. 7535
Mitton, E. S., Williams Bdg.....S. 5422
Mitton & Gillingham, 413 Granville.S. 5422
Nuese, Carl, 325 Howe .....S. 8496
Parr, MacKenzie & Day, Van. Blk...S. 736
Perry & Fowler, 319 Pacific Bldg. ...S. 8994
Nicolais, Raphael A., 926 Birks Bldg..S. 341
Peters, F. J., Birks Bldg.....S262
Pracna, A. B., 821 Pender St. W.....S. 1022
Randall, J. H., Hutchinson Bldg.....S8738
Rattray, Wilbert, 416 Howe St.....S. 3235
Russell, Babcock & Rice, Met. Bldg., S. 987
Sharpe & Thompson London Bld....Sey. 1064
Somervell & Putnam, London Bldg.—S. 6230
H. L. Stevens & Co., 216 Duncan B... S. 8835
Stuart, B. Dudley, 818 Metropolitan..S. 641
Symonds, N. E., Holden Bldg.....
Taylor, J. D. S., Bower Bdg .....S. 8514
Tegen & Vezina, Metropolitan Bldg...S. 1429
Thornton & Jones, Old Safe Bdg ....S. 810
Twizell & Twizell, 1019 Metrop. Bdg., S. 7925
Wallington, E., 615 Hastings W.....
Watson, H. B., Holden Bdg.....S. 3451
White, Howard E., 919 Metropolitan.S. 8649
Whiteway, W. T., World Bldg. .....S. 3029
Wickenden, C. O., 1062 Pender S. W., S. 1744
Wright, Rushforth & Cahill, 709 Dunsmuir S. 2809
Wilson, J. and A. S., 532 Granville St.....S. 3132

ENGINEERS.

Brown, P. P., A.M.I.C.E., 703 Lon. B. S. 8937
Menzies, A. F., New Westminster....1406R

BUSINESS DIRECTORY AND BUYERS' GUIDE

ARCHITECTURAL TERRA COTTA.

Carter, Dewar Crowe, Birks Bldg....S 8942
Cullen, E. G., 326 Drake St.....S. 5021
Evans, Coleman & Evans, Ft. Col. St., S. 2988
O'Neil, Wm. N. Co. Ld., 548 Seymour.S. 4795
Ritchie Contr. & Sup. Co., Ltd., Gran. St. Bridge .....S. 9162
Warrington & Johnson, 119 Pender S. S. 4912

ASPHALT FELT.

Newton & Greer Co., Ltd., 345 Water St., S. 1397. 1326 Wharf St.....Victoria
628 Clarkson St., Westm.nster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver
Paterson Mfg. Co., 10th & Arbutus S., B. 772

BEDS—PATENT.

Dom. Dock & Supply Co., 509 Rich'ds.S. 3714
Pacific Wall Bed Co., 1087 Granville..S. 372
Perfect. Con. Bed Co., 570 Granville..S. 5092

BRICK—ALL KINDS.

Boultbee, Johnson & Co., Ltd.....S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Cont'n'l Ship. & Trad. Co. Ltd.....S. 6448
Cullen, E. G., 326 Drake St.....S. 5021
Dom. Dock & Supply Co., 509 Rich'ds S. 3714
Evans, Coleman & Evans, Ft. Col., S. 2988
Gilley Bros., Ltd., New West., Phones 15, 16
W. N. O'Neil & Co., 548 Sey. St., S. 4795-4798
Pt. Grey Supply Co., Kerrisdale, Eburne 46R
Ritchie Contr. & Sup., Ltd., Granville St. Bridge .....S. 9162
Waddy & Young, 509 Richards St.....S.6763
Warrington & Johnson, 119 Pender, S. 4912
R.V.Winch & Co., Ltd., Winch B. S. 279-1944

BUILDING FELTS AND PAPERS.

Boultbee, Johnson & Co., Ltd.....S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Henry Darling, 28 Powell St. .....S. 512
Evans, Coleman & Evans, Ft. Col....S. 2988
D. R. Morrison, 712 Richards, S. 2151-2152
Newton & Greer Co., Ltd., 345 Water St., S. 1397. 1326 Wharf St.....Victoria
628 Clarkson St., Westm.nster
88 Commercial St., Nanaimo
W. N. O'Neil & Co., 548 Sey. St., S. 4795-4798
Paterson Mfg. Co., 10th& Arbutus Sts., B. 772
Warrington & Johnson, 119 Pender..S. 4912

BUILDING MOVERS

Clark & Sanders, 1033 Howe St.....S. 3292

BONDS—SURETY.

R.V.Winch & Co., Ltd., Winch B., S. 279-1944
Seeley & Co., 1205 Dominion Bldg...S. 4911

CEMENT.

Balfour, Guthrie & Co.....S. 9197-6575
Boultbee, Johnson & Co., Ltd.....S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Can. Builders Sup. Co., 1901 Georgia.S. 7175
Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
Evans, Coleman & Evans, Ft. Col...S. 2988
Gilley Bros., Ltd., New West., Phones 15, 16
W. N. O'Neil & Co., 548 Sey. St., S. 4795-4798
Pt. Grey Supply Co., Kerrisdale, Eburne 46R
Ritchie Contr. & Sup. Co., Ltd., Gran. St. Bridge .....S. 9162
R.V.Winch & Co., Ltd., Winch B., S. 279-1944

CEMENT TESTING AND ASSAYING.

Can. Inspect. & Test. Lab., 916 Rogers Bldg. S.6236
Eldridge, G. R. & Co., 428 Richards, S. 6[illegible]
Hunt, Robt. W. & Co., 901 Hast.....S. 2159
Vancr. Assay Office, 356 Cambie St..S. 7159

Wright, J. P., 2315 7th Ave. W.....B. 2446L

CONTRACTORS—BORING

Robinson, K.S., Winch Bldg.....S. 6588

CONTRACTORS, BRICK.

Dixon, F. L., 1624 Graveley St...High. 1292

CONTRACTORS—EXCAVATING.

Campbell Bros., 1550 Bismark St., High 453

CONTRACTORS—GENERAL.

Armstrong, Morrison & Co., Ltd., Bower Bdg. .....S. 1536
B. C. Gran. & Cont. Co., Exchange B., S. 2296

CONTRACTORS—LAND CLEARING.

Cross & Pantelic, Dom. Bldg.....S. 5479

CONTRACTORS: PAINTING, DAMPROOFING AND FIREPROOFING.

Newton & Greer Co., Ltd., 345 Water St., S. 1397. 1326 Wharf St.....Victoria
628 Clarkson St., Westminster
4264 Main St., South Vancouver
83 Commercial St., Nanaimo

CONTRACTORS—PLASTERING.

Hynes Stone & Staff Co, 614 Hstgs W. S.8598

CONTRACTORS—TILE—TERRAZZO.

B. C. Supply Co., Dominion Bldg.....S. 6161
Cont'n'l Ship & Trad. Co. Ltd.....S. 6448
D. R. Morrison, 712 Richards St., S. 2151-2152
W. N. O'Neil & Co., 548 Sey. St., S. 4795-4798
Van.Marble & Tile Co., 848 Beach Av., S. 1518

CORNICE AND ROOFING.

Cullen, E. G., 326 Drake St.....S. 5021
Grand. Sheet Mtl. Wks., 1685 Ven. St., H. 642
Little & Lee, 682 Seymour St.....S. 4458
Troy Roofing Co., 212 Metropolitan...S. 7417
Armstrong, Edw. L., 1540 5th Av.W...B. 296

DRILLS—PORTABLE ELECTRIC

Darling, Frank & Co., 1142 Homer St. .....S. 4100-4101

ELECTRICAL CONTRACTORS

Brodeur, MacAndrew & Douglas, 950 Hornby .....S. 977
Jarvis Elec. Co., 570 Richards St....S. 1409

ELECTRICAL SUPPLIES

Can. Allis-Chalmers, 1063 Pender....S. 5710
Darling, Frank & Co., 1142 Homer St. .....S. 4100-4101

ELECTRICAL SUPPLIES (WHOLESALE)

Can. Allis-Chalmers, 1063 Pender....S. 5710

ELEVATOR CARS AND ENCLOSURES.

Can. Van Emon Co., 1150 Hamilton..S. 5016
Cullen, E. G., 326 Drake St.....S. 5021
Can. Allis-Chalmers, 1063 Pender....S. 5710
Brennan, G. E. & Co., 319 Pender W. S. 6910
Grandview Iron Wks., 1530 Venables..H. 136
Harris, P. E. & Co., 9[illegible] Crown Bldg. S. 4698
W. N. O'Neil & Co., 548 Sey. St. S. 4795-4798
Ritchie Con. & Sup. Co., Ltd Gran. St. Bridge .....S. 9162

ELEVATORS

Brennan, G. E. & Co., 319 Pender W. S. 6910
Can. Van Emon Co., 1150 Hamilton..S. 5016
Darling, Frank & Co., 1142 Homer St. .....S. 4100-4101
Harris, P. E. & Co., 9[illegible] Crown Bldg. S. 4698

FIRE CLAY

Balfour, Guthrie & Co.....S. 9197-6575
Boultbee, Johnson & Co., Ltd.....S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Evans, Coleman & Evans Ft. Col...S. 2988
Gilley Bros., New Westminster. Phones 15,16
D. R. Morrison, 712 Richards St., S. 2151-2152
W. N. O'Neil & Co., 548 Sey. St., S.4795-4798
Point Grey Su. Co., Kerrisdale..Eburne 46R
Ritchie C. and S. Co., Gran. St.....S. 9162
R. V. Winch & Co., Winch Bldg., S. 279-1944

FIRE EXTINGUISHER SYSTEMS.

Gen. Fire Ex. Co., 1140 Hamilton St..S 5138
Barr & Anderson, 1060 Homer St.....S. 6180
Waddy & Young, 509 Richards St.....S.6763

FLOORING

B. C. Hdw. Floor Co., 2635 Granville.B. 1287
B.C. Supply Co., Dominion Bldg.....S. 6161
J. Fyfe Smith & Co., 1320 Richards..S. 1196

FOUNDERS & MACHINISTS.

N. Shore Ironworks, North Van. P.O. B 1816

FURNACE AND SHEET METAL

Grandview Sht. Met. Wks., 1685 Ven. H. 642
Pease Pac. Foundry, 1136 Homer St..S. 8397
Van. Roof. Co., 1921 Triumph St. High. 509R
Armstrong, Ed. L., 1540 5th Ave. W...B. 296

GALVANIZED IRON WORKS

Grand. Sht. Mtl. Wks. 1685 Venables St. 642
Armstrong, Edw. L., 1540 5th Av.W...B. 296

GAS APPLIANCES.

Van. Gas Co., Hastings St. W.....S. 5000

GLASS—ALL KINDS.

Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
Holt, Wm., Dufferin W..... Fair. 1238
W. N. O'Neil & Co. 548 Sey. St., S. 4795-4798
Warrington & Johnson, 119 Pender..S. 4912
West. Plate Glass, 318 Water St.....S. 8425

HARDWARE

Flett, J. A., 111 Hastings St. W...S. 2327-8

HARDWOOD FLOORS

B. C. Hardwood Floor Co., 2635 Granville .....B. 1287
Empire Hdw. Fl. Co., 866 Homer.....S. 9188
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
J. Fyfe Smith & Co., 1320 Richards..S. 1196
Van. Flr. Co., 8th Ave and Glen D...F. 1612

HARDWOOD LUMBER

Smith, J. Fyfe & Co., 1320 Richards..S. 1196
Warrington & Johnson, 119 Pender..S. 4912

HEATING—HOT AIR, STEAM AND VENTILATING

Acme Plg. & Htg. Co., 131 10th A. E. F. 537
Barr & Anderson, 1060 Homer St...S. 6180
Gen. Fire Ex. Co., 1140 Hamilton St..S 5138
Hodgson Plumbing & Heating Co.....S. 2412
Pease Pac. Foundry, 1136 Homer St..S. 8397
Royal Plg. & Htg. Co., 125 Dufferin Street East .....F. 2009
Swamby, C. M., 212 Duncan Bldg...S. 2933
Armstrong, Edw. L., 1540 5th Av.W...B. 296

HOISTING ENGINES

B. C. Equipment Co., Bk. of Ottawa.S. 9040
Cullen, E. G., 326 Drake St.....S. 5021
E. G. Blackwell, 108 Alexander St.—S. 1733
Henry Darling, 28 Powell St.....S. 512
R. Hamilton & Co., Bk. of Ottawa....S.383
Mussens Ltd., 318 Richards St.....S. 3237
Ritchie Con. & Sup Co., Granville..S. 9162
Taylor & Young, Pacific Bldg.....S. 4502
Trapp, T. J., New Westminster 89

INTERIOR FINISH

Boultbee, Johnson & Co., Ltd.....S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
E. G. Blackwell, 108 Alexander St...S. 1733
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Ritchie Con. & Sup. Co., Granville..S. 9162
Van. Floor Co., 8th Ave. & Glen D...F. 1612

IRON AND STEEL—STRUCTURAL

B. C. Iron, Wire & Fence Co., 1705 Main.F. 292
Boultbee, Johnson & Co., Ltd.....S. 9145
Can. Allis-Chalmers, 1063 Pender....S. 5710
Cullen, E. G., 326 Drake St.....S. 5021
Can. Northwest Steel Co.....F. 307
Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
Dom. Iron Works, ft. of Bidwell St...S.2623
Evans, Coleman & Evans, Ft. Col...S. 2988
Coughlan, J. & Sons, World Bldg....S. 7946
Grandview Iron Wks., 1530 Venables..H. 136
Morris, S. M. Co., 2130 Cedar St.....B. 1043
Ritchie Con. & Sup. Co., Granville..S. 9162
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Wilkinson Co., Ltd., 846 Beach Ave...S. 7915
Union Iron Works, 146 Lorne St...Fair. 2173

IRON AND STEEL—ORNAMENTAL.

B. C. Iron, Wire & Fence Co., 1705 Main.F. 292
Carter, Dewar Crowe, Birks Bldg....S 8942
E. G. Blackwell, 108 Alexander St...S. 1733
B.C. Supply Co., Dominion Bldg.... S. 6161
Can. Allis-Chalmers, 1063 Pender....S. 5710
Cullen, E. G., 326 Drake St.....S. 5021
Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
Dom. Iron Works, ft. of Bidwell St...S.2623
Grandview Iron Wks., 1530 Venables..H. 136
Morris, S. M. Co., 2130 Cedar St.....B. 1043
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Ritchie Con. & Sup. Co., Granville B...S. 9162

MARBLE AND ONYX

Continental. Marble Co.....S. 6448
Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
Hynes Stone & Staff Co., Ltd., 553 Granville.
W. N. O'Neil & Co. 548 Sey. St. S. 4795-4798
Van. Marble & Tile Co., 848 Beach Av..S. 1518

OIL BURNING PLANTS

Globe Iron Works, 1815 Pandora St...H. 498
Mach. Irsal. & Contr. Co. Dom. Bldg S. 6956
Swamby, C. M., 212 Duncan Bldg...S. 2933

PAINTS AND OILS

Carter, Dewar Crowe, Birks Bldg....S 8942
Henry Darling, 28 Powell St. .....S 512
Newton & Greer Co., Ltd., 345 Water St. S. 1397. 1326 Wharf St.....Victoria
628 Clarkson St., Westm.nster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver

PAINTS—FIRE-PROOF.

4264 Main St., South Vancouver
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Carter, Dewar Crowe, Birks Bldg....S 8942
Newton & Greer, Van., 345 Water...S. 1397
Victoria, 1326 Wharf St..... 887
628 Clarkson St., Westm.nster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver
Warrington & Johnson, 119 Pender..S. 4912

PAINTS—DAMP PROOF.

Boultbee, Johnson & Co., Ltd.....S. 9145
Henry Darling, 28 Powell St. .....S. 512
Newton & Greer, Van., 345 Water...S. 1397
Victoria, 1326 Wharf St..... 887
628 Clarkson St., Westm.nster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Paterson Mfg. Co., 10th & Arbutus..B. 772
Warrington & Johnson, 119 Pender..S. 4912

PARTITION—FIREPROOF

Boultbee, Johnson & Co., Ltd.....S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Cullen, E. G., 326 Drake St.....S. 5021
Evans, Coleman & Evans Ft. Colum..S. 2988
Ritchie, Con. & Sup. Co., Granv. Bdg..S. 9162
Warrington & Johnson, 119 Pender St.S. 4912

PIG IRON AND TIN

Balfour, Guthrie & Co.....S. 9197-6575
Boultbee, Johnson & Co., Ltd.....S. 9145
Cont'n'l Ship & Trad. Co. Ltd.....S. 6448
R. V. Winch & Co., Winch Bld...S. 279-1944

PILE DRIVING.

Fraser River Pile Driving Co., New West
Harding, C. F., New Westminster.....975
Peterson, Henry, 1905 Quebec St .....F. 1668

PILING AND POLES

Federal Lum. Co., 929 Rogers Bldg. .S. 2066

PIPE—SEWER

Boultbee, Johnson & Co., Ltd.....S. 9145
Cullen, E. G., 326 Drake St.....S. 5021
Dom. Glzd Cmnt Pipe Co., Dom. Bld..S 8286
Evans, Coleman & Evans Ft. Colum..S. 2988
Gilley Bros., Ltd., New West...Phones 15, 16
Ritchie, Con. & Sup. Co., Granv. Bdg..S. 9162
Warrington & Johnson, 119 Pender St.S. 4912
R. V. Winch & Co., Winch Bld...S. 279-1944

PLASTER

Balfour, Guthrie & Co.....S. 9197-6575
Carter, Dewar Crowe, Birks Bldg....S 8942
Cullen, E. G., 326 Drake St.....S. 5021
Evans, Coleman & Evans Ft. Colum..S. 2988
Gilley Bros., Ltd., New West...Phones 15, 16
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Point Grey Sup. Co., Kerrisdale..Eburne 46R
Ritchie Con. & Sup. Co., Granv. Bdg..S. 9162

PLASTER BOARD

B.C. Supply Co., Dominion Bldg.....S. 6161
Boultbee, Johnson & Co., Ltd.....S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Cullen, E. G., 326 Drake St.....S. 5021
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Point Grey Sup. Co., Kerrisdale..Eburne 46R
Ritchie, Con. & Sup. Co., Granv. Bdg..S. 9162

PLASTER PARTITION BLOCKS

B.C. Sup. Co., Dom. Trust Bldg.....S. 6161
Boultbee, Johnson & Co., Ltd.....S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Cullen, E. G., 326 Drake St.....S. 5021
Ritchie, Con. & Sup. Co., Granv. Bdg..S. 9162

PLASTER—ORNAMENTAL

Boultbee, Johnson & Co., Ltd.....S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Cont'n'l Ship & Trad. Co. Ltd.....S. 6448
D. R. Morrison, 712 Richards St..S. 2151-2152
Hynes Stone & Staff Co, 614 Hstgs W. S.8598
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Ritchie, Con. & Sup. Co., Granv. Bdg..S. 9162

PLASTIC FLOORING

Raecolith Flg Co., 1159 Hamilton....S. 8144

PLUMBING

Acme Plmb. & Htg., 131 10th Av. E..F. 537
Barr & Anderson, 1060 Homer St...S. 6180
Hodgson Plumbing & Heating Co....S. 2412
Little & Lee, 682 Sey. St. .....S. 4458
Murray Bros., 721 Main St. .....S. 8614
Royal Plg. & Htg. Co., 125 Dufferin Street East .....F. 2009
Armstrong, Edw. L., 1540 5th Av.W...B. 296

PNEUMATIC TOOLS

Darling, Frank & Co., 1142 Homer St. .....S. 4100-4101

POWDERS AND EXPLOSIVES

Con. Pwd. Supply Co., 310 Richards.S. 4105

RADIATORS AND BOILERS

Can. Allis-Chalmers, 1063 Pender....S. 5710
Rbt. Hamilton Co., Bnk of Ottawa..S. 383
Pease Pac. Foundry, 1136 Homer St..S. 8397
Swamby, C. M., 212 Duncan Bldg...S. 2933

ROOFING COMPOSITION

Boultbee, Johnson & Co., Ltd.....S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Henry Darling, 28 Powell St. .....S. 512
Evans, Coleman & Evans Ft. Colum..S. 2988
Newton & Greer, Van., 345 Water St. S. 1397
Victoria, 1326 Wharf St..... 887
628 Clarkson St., Westm.nster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver
Paterson Mfg. Co., 10 & Arbutus Sts..B. 772
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Raecolith Flg Co., 1159 Hamilton....S. 8144
Ritchie, Con. & Sup. Co., Granv. Bdg..S. 9162
Troy Roofing Co., 212 Metropolitan...S. 7417
Warrington & Johnson, 119 Pender St.S. 4912

ROOFING—SHEET METAL

(See Cornice and Roofing)

ROOFING MATERIAL

Boultbee, Johnson & Co., Ltd.....S. 9145
E. G. Blackwell, 108 Alexander St...S. 1733
Carter, Dewar Crowe, Birks Bldg....S 8942
Henry Darling, 28 Powell St. .....S. 512
Evans, Coleman & Evans Ft. Colum..S. 2988
Newton & Greer, Vancver, 345 Water.S. 1397
Victoria, 1326 Wharf St..... 887
628 Clarkson St., Westminster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver
Ritchie, Con. & Sup. Co., Granv. Bdg..S. 9162
Paterson Mfg. Co., 10th & Arbutus, Bay. 772
Point Grey Sup. Co., Kerrisdale..Eburne 46R
Troy Roofing Co., 212 Metropolitan...S. 7417
Warrington & Johnson, 119 Pender St.S. 4912

ROPE-MANILA

Balfour, Guthrie & Co.....S. 9197-6575

SAFES—VAULT DOORS

D. R. Morrison, 712 Richards St..S. 2151-2152
Rbt. Hamilton Co., Bnk of Ottawa..S. 383
Warrington & Johnson, 119 Pender St.S. 4912
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798

SAND GRAVEL AND CRUSHED ROCK

Boultbee-Johnson & Co. Ltd.....S. 9145
Can Builders Sup., 1901 Georgia.....S. 7175
Dewar, J. A. Co., 119 Pender St. W...S. 4534
Fairview Sand & Gravel Co., Front & Manitoba F552
Gilley Bros., Ltd., New West...Phones 15, 16
Indian River Gravel Co., Ltd.....H. 176
Point Grey Sup. Co., Kerrisdale..Eburne 46R
Rainy R. Gvl Co., N.E. end Con. Bdg..S. 2161
Ritchie Con & Sup. Co., Granvl. Bdg..S. 9162
Van. Snd & Gvl Co. ft. Victoria Dve..S. 5161

SASH, DOORS, WINDOWS, ETC.

Cullen, E. G., 326 Drake St.....S. 5021
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798

SASH- WEIGHTS, ASH DOORS & DUMPS

McLean & Powell, 392 Dufferin St. W..F1546

SHINGLE MANUFACTURERS AND DEALERS.

(See Lumber and Shingles.)

SLATE

Boultbee, Johnson & Co., Ltd.....S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
R. V. Winch & Co., Winch Bld...S. 279-1944
Ritchie Con. & Sup. Co., Granvl. Bdg..S. 9162

SLATE AND TILE ROOFERS

Timmons, Edw. & Co., 838 7th Ave. W., ... F. 1257L

STEAM FITTERS

Little & Lee 682 Seymour.....S. 4458
Armstrong, Edw. L., 1540 5th Av.W...B. 296

STEEL—REINFORCING.

Balfour, Guthrie & Co.....S. 9197-6575
Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
Dom. Dock & Supply Co., 509 Rich'ds S. 3714
Warrington & Johnson, 119 Pender St.S. 4912

STORE & OFFICE FIXTURES & STORE FRONTS

B. C. Iron, Wire & Fence Co., 1705 Main.F. 292
Cullen, E. G., 326 Drake St.....S. 5021
Grandview Iron Wks., 1530 Venables..H. 136
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
West. Plate Glass, 318 Water .....S. 4674

TANKS

Boultbee, Johnson & Co., Ltd.....S. 9145
Dom. Iron Works, ft. of Bidwell St...S.2623
Little & Lee, 682 Seymour St.....S. 4458

TAR AND PITCH

Paterson Mfg. Co., 10th & Arbutus, Bay. 772

TEA AND COFFEE BLENDERS

Braid, Wm. & Co., 1084 Homer St....S. 6594

TILE—DRAINING

Boultbee, Joh

D. R. Morrison

PHONES: "SEYMOUR" 2151 — 714-718 RICHARDS ST.

From our extensive experience we are able to offer practical working suggestions, while our large and thoroughly modern stock of TILES, MANTELS and GRATES BRASS and COPPER FENDERS, FIRE SETS, FIRE SCREENS, ETC., enables us to render you SERVICE UNEXCELLED by any on the coast. Let us figure with you.

New Work -- Contracts Let

THE FOLLOWING TABLE SHOWS BUILDINGS COSTING $8000 OR OVER, ON WHICH CONSTRUCTION IS UNDER WAY, OR ON WHICH CONTRACTS HAVE BEEN LET BUT CONSTRUCTION NOT YET STARTED.

Character	Cost
Lodge Bldg.	$40,000
Residences (8)	$20,000
Brk. Factory	$150,000
Immigration Sheds	$300,000
Wharf	$500,000
Brk "Old People's Home"	$40,000
2 sto fireproof creche	$45,000
Steel Bridge	$431,600
15 sto office bldg	$800,000
8 sto conc club bldg	$350,000
Police Headquarters	175,000
10-sto store bldg	$2,500,000
7 sto 100x132 theatre	$500,000
14-sto hotel	1,000,000
Depot & offices	1,000,000
Dredging	$700,000
10-sto. office bldg.	$350,000
10 sto exchange bldg	$250,000
Residence	$85,000
10 sto reinf conc	$200,000
Subway (concrete)	$85,000
Residence	$25,000
Cold Storage Plant	$200,000
2-sto. brk. hotel	$52,000
Heating System	$250,000
Dredging Sand Heads	$70,000
Turning Basin	$100,000
Nurses Home & Service Bldg.	$199,921
4-sto. warehouse	
G. T. P.—J. A. McKenzie & Co. Ex. Bldg.	
Brick theatre	$20,000
5-sto. brk. warehouse	$40,000
Normal School	
Provincial Gaol	$223,465
Theatre	$125,000
3-sto apmt.	$45,000
Residence	$50,000
School	$44,200
Armory bldg.	$250,000
4-sto. dept. store bldg	$700,000
Collegiate School	
Piers (concrete)	$1,000,000
Govt. Bldg.	$30,000
Cold Storage Warehouse	
High School	$20,000
Courthouse	$20,000
Govt. Bldg.	$20,000
2-sto. fr. apmt.	$7,000
3-sto. brk. office & stores	$20,000
Wharf	

Location	Owner
Homer near Dunsmuir	Eagles
Shaughnessy	C. P. R. Land Dept.
False Creek	Restmore Mfg. Co.
C. P. R. Docks	Government
Adjoining sugar refinery	Government
	City of Vancouver
Haro St.	City of Vancouver
Georgia-Harris st	City
Richards & Hastings	Inv. Guar. Corp.
Georgia & Burrard sts	Y. M. C. A.
City of Vancouver	Powell st
Georgia & Granville	Hudson's Bay Co
Pender & Burrard	E. R. Ricketts
Georgia and Granville	C. P. R.
Granville & Cordova	C. P. R.
False Creek	Government
Hastings & Hornby	Franco-Canadian
Seymour and Robson	B. C. Tel. Co.
Shaughnessy Heights	A. E. Tulk
1100 Blk Richards	W. A. Lightheart
Vancouver Ferry	City
Shaughnessy	T. H. Bingham
Steveston	B. C. Packers' Association
Port Coquitlam	H. C. Thornton
Central Dist.	Public Service Corp.
Fraser River	Government
False Creek	Government
Hospital Grounds	Vancouver Gen. Hosp.
Beattie St.	Cope & Son
Grand Trunk Pacific	G. T. P.
Keefer & Columbia	Sam Kee
Water St.	Kelly Douglas & Co.
Victoria	Prov. Govmt.
Victoria	Government
Victoria	McPherson, Fullerton & Elliott
Victoria	A. B. Winch
Victoria	Andrew Wright
Victoria	School Board
Victoria	Government
Victoria	Hudson's Bay Co.
Victoria	Collegiate School
Victoria	Government
Port Alberni	Govt.
Water St.	V. P. R. Meat Co.
Port Alberni	Municipality
Merritt, B. C.	Provincial Govt.
Nicola, B. C.	Provincial Govt.
Bd'wy. & P. Edward St.	Wm. Blair
Alexander St.	E. Cook
False Creek	J. D. McNeill, 80 Pender E.

Architect	Contractor
Emil Guenther	Hosking Const. Co.
C. P. R.	S. J. Newitt, 954 17th
	A. Moir (on job)
Dom. Govt.	G. Snider & Brethour
	Henry, McAfee & McDonald
Perry & Fowler	Campbell & Wilkie
R. T. Williams	Geo. E. Williamson
C. A. P. Turner	J. McDiarmid & Co.
R. Babcock & Rice	Can. Ferro Conc. Co.
H. S. Griffiths	B., Campbell & Whipple
Doctor, Stewart & Davie	C. F. Perry
B. H. & White	Rourke McD. & Mencrieff
E. W. Houghton & Son	E. J. Ryan
W. S. Painter	Skene & Christie
Contrs.	Westinghouse, Church, Kerr Co.
Eng. Dept.	Pacific Dredging Co.
H. L. Stevens & Co., architectural engnrs.	
Company	Subcontracts Delayed
Maclure & Fox	McPherson & Sinclaire
Owner	Construction under way
	M. P. Cotton Co.
G. B. Kauffman	H. K. & McPhalen Bros.
Linde-Can. Refrig. Co.	B. C. Granitoid
Parr, McKenzie & Day	W. H. Mueller
	Am. Dist. Steam Co. (Seattle)
Govt.	Navigation & Dredging Co.
Government	Pacific Dredging Co.
A. A. Cox	Booker, Campbell & Whipple
Dalton & Eveleigh	G. Snider & Brethour
Bridge Abulments (12)	
W. A. Chow, 1611 Albert St.	(Archt.)
	J. McLuckie
W. C. F. Gillam	Luney Bros.
W. R. Wilson	B. C. Const. & Eng. Co. Ltd
Jesse M. Warren	B. C. Const. Co.
C. E. Watkins	Fulton Bros.
Phillip M. Jullien	Sub-contract.
	Stevens Bros.
W. R. Wilson	Parfitt Bros.
B. Horwood & White	B. C. Const. Co.
Coates & Fleet	A. W. Johnson
Govt.	Angus McDonnell & Co.
	Knott & Jones, of Victoria
Own Draughtsmen	E. J. Ryan
	Warnock & Cochran
	J. C. Layfield, of Vancouver, B. C.
	J. C. Layfield, Vancouver, B. C.
R. J. McDonald	Day Labor
W. M. Dodd	Cook Const. Co.
J. P. Matheson	E. Coleman & Evans

RECEIVING FIGURES FOR HOSPITAL FURNISHINGS

Hospital, New Westminster—R. H. Gray, secretary of the school board, New Westminster, is receiving tenders until noon, March 16, for supplying 280 students' desks, 7 teachers' desks, 50 chairs, 6 lunch tables, 2 library tables, 6 commercial class tables, 1 domestic science table, 4 cupboards, 300 opera chairs, sectional bookcase, 113 window shades.

Required in new hospital building.

Erecting New Mill.

Mill, Blaine, Wash.—Const. has started on J. H. Parker's new shingle mill.

GROUND LEASE.

For term of years, S.W. corner of Broadway and Yukon 50x125 to lane, basement already taken out. Owner will agree to purchase frame building at end of lease. E. A. Marshall, 128 Rogers Block.

To Contractors—Estimates prepared for all classes of Construction Work. Reinforced concrete a specialty. Terms moderate. Box No. 65, Building Record.

WANTED—Position by experienced general foreman in building construction; highly expert in concrete work. A.1. references. Box 51, Building Record.

TO ARCHITECTS

The White Rock Resort Development Co., Ltd., invite plans to be submitted for an Hotel at White Rock, B. C.

A sketch of buildings, etc., can be secured at their office, 619 Hastings St. W.

A PRIZE OF $150

will be paid to the successful contesting architect for the best plans. The Directors of the company will act as a Board of Judges.

Any architect holding at least five shares of stock in the company will be allowed to compete.

No plans received after March 5th, at noon.

Plans of unsuccessful contestants will be returned immediately after award of prizes.

ARCHITECTS, CONTRACTORS and **PROSPECTIVE OWNERS** of contemplated buildings will be well repaid if they accept this invitation of the **VANCOUVER FLOOR CO.** to visit, inspect, praise or criticize the **SANSAN COMPOSITE FLOORS** just finished in the southern addition added by the **DIAMOND LIQUOR CO.'S** original store on **MAIN STREET**, a few doors below Hastings.

The satisfaction given this Company by composition flooring the last six years gave it preference in their specifications on alterations over any other type of floor.

This is the last best test of **UTILITY**, and should go a long way toward convincing the conservative builder.

Particulars, prices, etc., on application.

VANCOUVER FLOOR CO., Fair. 1612.

PROPOSALS WANTED

General Contract.

Store, Vancouver—Braunton & Leibert, archts., Exchange bldg., are taking figures for const. 1-sto. brick store bldg. at Granville & Nelsons Sts.

Residence, So. Vancouver—Archt. N. A. Leech, 615 Pender W., will receive figures for const. ($5,000) residence in South Vancouver — Plbg., htng., and lighting probably separately.

Timber Work, Calgary—A. S. Dawson, chief engineer C. P. R., Calgary, will receive proposals until March 14, noon, for timber structures.

The work to be let includes the timber (irrigation) structures in about half the area of the eastern section of the company's Irrigation Block in Alberta.

Approximate quantities are 3,550,000 feet B. M. of timber and 18,000 cubic yards of excavation. All construction materials will be furnished by the railway company.

Plans, specifications and full information from Mr. Dawson.

Laundry, Vancouver—Plans and specif. can be seen by contractors on Friday, Feb. 27, at the offices of the Cascade Laundry, 849 Beach ave. for figuring on constructing the company's proposed new laundry bldg. estimated to cost about $40,000.

Tenders will be received for this work by the owners until March 11, at 12 [illegible]

understood the work will be let by general contract.

The new structure to be located at Beach ave. and Howe st., is to be a 3-sto building.

Dredge—R. C. Desrochers, Dept. of Public Works, Ottawa, will receive proposals until 4 p.m. March 3rd, for construction of a 15-inch hydraulic self-propelling steel suction dredge.

Plans, specifications and form of contract can be seen and form of tender obtained at Ottawa and at the offices of J. L. Nelson, Esq., Supt. of Dredges, Vancouver, B. C.; J. S. MacLachlan, Esq., District Engineer, Victoria, B. C.; C. C. Worsfold, Esq., District Engineer, New Westminster, B. C.

Bridge, Vancouver—Plans and specifications are now ready for contrs. to figure on the proposed Second Narrows bridge, which calls for a structure provided with a single line of steam track, two lines of electric car track, two lines of roadway and a footway, together with the necessary approaches thereto, as well as the machinery for working the opening span of the bridge and other incidental works.

The contract drawings, specification and schedule of quantities may be seen at the offices of Messrs. Cleveland & Cameron, civil engineers, 1001-1010 Rogers Bldg., Granville and Pender Sts., Vancouver, B. C., between the hours of 11 and 4 (Saturdays excepted) in each case.

Concrete Work, Calgary—Tenders, addressed to Chief Eng. A. S. Dawson, C. P. R. Calgary, will be received up to noon of March 14th, 1914, for concrete (Irrigation) structure in about half of the area comprising the Eastern Section of the Company's Irrigation Block, Alberta. Materials, except for forms will be furnished by the Company. Materials for forms and all labor must be furnished by the Contractor. The approximate quantities are:—3,800 cubic yards of concrete and 192,000 pounds of reinforcing steel. The quantities in individual structure vary from 15 cubic yards to 80 cubic yards. Specif. from Mr. Dawson.

Bathhouse, Banff—The Sec. of the Dept. of the Interior, Ottawa, will receive proposals until noon, March 16, for erecting a bathhouse at Banff, Alta.

Plans and specif. from Immigration Agent, Vancouver.

Bridge and Roads, Matsqui—Council reported taking figures for small bridge on old Wright road; also slashing about mile of roads (no closing date given.)

Bridges, Vancouver—Tenders will be closed for erecting the four proposed East End viaducts at Hastings, Harris, Pender and Keefer Sts., on March 5. Plans and specif. from City Engineer.

Est. cost of these four viaducts is $500,000. Turner's mushroom flat-slab system of reinf. concrete will be used.

Wharf, Victoria—A. Johnston, Deputy Minister of Marine and Fisheries, Ottawa, is receiving proposals until noon March 12th, for const. a creosoted pile wharf, with grading, at the new marine depot, at Victoria.

Plans at the post offices at Victoria and Vancouver, Victoria agency of the Dept., and at Ottawa. (See official proposals).

Sub-Contracts and Materials.

Plbg. & Htng.—A. L. Ramage, contr., will receive proposals for plumbing and wiring a 2-sto. fr. residence at 2006 6th Ave. E. Can be seen at the job.

Pipe and Specials—Mayor F. E. Harrison, Saskatoon, Sask., is receiving figures until noon March 10, for 12 tons Class "A" cast iron pipe, 12-inch; 65 tons Class "B" cast iron pipe, 12 to 24 inches; 13 tons Class "B" specials, 12 to 24 inches; 9-gate valves, 12 to 20 inches. Specif. City Engineer.

Iron and Sewer Pipe—City Commissioners, North Battleford, Sask., are receiving figures until noon, March 16, for supply of cast iron pipe and vitrified tile sewer pipe required for the year 1914.

Pipe, North Vancouver—City Eng. A. M. West is receiving figures until 5 p.m. March 9 for a supply of sewer pipe, including 3,790 feet of vitrified clay sewer pipe, 6,475 feet of vitrified clay sewer pipe, 437 specials.

Steel Pipe, Banff—L. Pereira, Sec. Dept. of the Interior, Ottawa, is taking figures until noon, April 6, for supplying 13,500 ft. of 20-inch lapwelded steel pipe for the water system at Banff. Specif. from Mr. Pereira and Supt. of Rocky Mt. Parks, at Banff, Alta.

Plastering—Archt. H. B. Watson, Holden Bldg., wants figures for plastering in connection with alterations to the Empress Hotel Bldg.; particulars from Mr. Watson.

Grading, Nanaimo—City Engineer S. B. Bennett is receiving figures until March 5, for grading Albert St.

Plans from Mr. Bennett, at Nanaimo.

Crushed Rock—City Purchasing Agent Stuart, Vancouver, will receive figures until 2 p.m., March 17, for supplying crushed rock for a period of one year, also for a period of three years.

Hydro-Elec, Prince Rupert—City Clerk Ernest A. Woods will receive tenders until March 18 for complete power-house equipment, approx. 1,600 h.p., hydro-electric development; tenderers to submit with tender general specifications from particulars, on request.

Coal and Wood—Drector of Contracts, Militia Department, Ottawa, is receiving proposals until March 10 for coal and wood required for military bldgs at Victoria and Vancouver for year ending March 31, 1915.

Pipe, Prince Rupert—City Clerk Ernest A. Woods, of Prince Rupert, is receiving proposals until March 7, for the supply of approximately 10,000 ft. of 45-in. and 12,000 ft. of 18-in. lap-welded steel pipe.

Pipe, Saskatoon—Tenders, addressed to the City Commissioners, Saskatoon, will be received until noon Tuesday March 10th, 1914, for supplying the following material:—

12 tons Class "A" Cast Iron Pipe, 12-in.
65 tons Class "B" Cast Iron Pipe, 12 to 24 in.
13 tons Class "B" Specials, 12 to 24 in.
9 Gate Valves, 12 to 20 in.

Specifications from Junius Jonsson, Act. City Eng.

Coal, etc.—T. H. Collier, supt. provincial school for girls, is taking figures until March 7 for year's supplies, including coal, hardware and wood.

Lime, etc.—Wm. G. McMynn, warden prison farm, Burnaby, is taking figures until March 7 for year's supplies, including lime, hardware, fuel, etc.

Coal, etc.—D. Donaldson, supt. Provincial boys' school, Vancouver, is taking figures until noon, March 10, for year's supplies, including hardware, coal, etc.

Excavation—Geo. Haddon, Secy., Vancouver General Hospital, is taking figures until 5 p.m. March 9, for excavating site for proposed hospital bldg. Specif. Archt. A. A. Cox, Carter-Cotton Bldg.

Pump, Edmonds (Burnaby) — Eng. Macpherson has been instructed to figure on installing a new pump for the water station. (Two now in use).

Cement, etc—It is understood that the municipal engineer of Oak Bay (Victoria) will soon invite tenders for a year's supply of cement, sand and gravel.

Coal, etc.—J. Munroe, warden, provincial jail, Victoria, is receiving figures until March 7 for year's supplies, including coal, lime, wood, nardware, etc.

Coal, etc.—A. Campbell Reddie, Deputy Provincial Secy., Victoria, is receiving figures until noon, March 14, for year's supplies for the Hospital for the Insane, at New Westminster, including coal, etc.

Coal, etc.—A. T. Turnbull, warden, provincial jail, New Westminster, is receiving figures until March 7 for year's supplies, including coal, lime, hardware, etc.

Hospital Furnishing—R. H. Gray, Sec. School Board, New Westminster, is receiving figures until noon, March 16, for Connaught high school furnishings, including desks, chairs, tables, auditorium chairs, opera chairs, bookcase, 113 window shades, etc.

OFFICIAL PROPOSALS

TENDERS FOR CRUSHED ROCK.

Vancouver, B.C., March 34, 1914.

Separate tenders will be received by the undersigned up until Tuesday, March 17th, at 2 P.M., for the supply of Crushed Rock for a period of one year and a period of three years.

A marked cheque for $500.00, payable to the City Treasurer, must accompany each tender.

The lowest or any tender not necessarily accepted.

Specifications and form of tender may be obtained at my office.

[illegible]
City Purchasing Agent.

BARR & ANDERSON
PLUMBING and HEATING
International Automatic Sprinkler Equipment
Phone Seymour 6180
1060 Homer St.
Vancouver B. C.

FRASER RIVER PILE DRIVING COMPANY
P. A. Jones, Mgr.
WHARF BUILDING, BRIDGES, PILE FOUNDATIONS, ETC.
Room 510, Westminster Trust Bldg., New Westminster — Telephone 1015

ARMSTRONG, MORRISON & CO.
Limited
Public Works Contractors
Office: 813-815 Bower Bldg. Vancouver B.C.

A. F. MENZIES
Mechanical Engineer
MECHANICAL DESIGNING
BOILERS, STATIONARY & MARINE, ETC.
New Westminster, B. C. Phone 1406B

The Hodgson Plumbing & Heating Company, Ltd.
Plumbing, Hot Air and Hot Water Heating
Agents for
Pease Economy Furnace
1154 Burrard St. — Sey. 2412

The DAILY BUILDING RECORD
Reaches the man who is Constantly
SPECIFYING or BUYING BUILDING MATERIAL or MACHINERY
Is Your Ad Here?
Record Pub. Co
583 Homer-Richards
Phone Sey. 7808

McLEAN & POWELL
Manufacturers of
SASH WEIGHTS
Ash Doors — Ash Dumps
Fairmont 1546 — 392 Dufferin W.

We Make a Specialty of
TEA & COFFEE BLENDS
for Contractors' Supplies
WM. BRAID & CO.
Vancouver. B. C.

GRANDVIEW Sheet Metal Works
Warm Air Heating
Furnaces and General Jobbing
1685 Venables St. — Highland 642

DOMINION BLUE PRINT COMPANY
151 Hastings St. W.
Sey. 4670
White Prints & Mounting Specialties

MURRAY BROS.
PLUMBING AND HEATING
135 Powell St. — Phone Sey. 8614

EDW. L. ARMSTRONG
Sheet Metal Contractor
CORNICE ROOFING SKYLIGHTS
Warm Air Heating a Specialty
Phone Bay. 296 — 1540 5th Ave. W.

LITTLE & LEE
Sheet Metal Workers
Heat Tanks, Cornice, Roofing, Furnaces,
382 Seymour St. — Phone Sey. 4458

JAMES & McCLUGHAN
Plumbers, Heaters and Hdw. Merchants, cor. 6th & Front, Westminster

NOTICE
INSPECTION OF GAS PIPING
Architects, Builders and Owners are notified that all gas piping must be tested by our inspector before walls are closed in. Otherwise this company will not be responsible for supplying gas for the building.
Information and estimates re gas piping furnished without charge.
VANCOUVER GAS COMPANY
Home Machinery Depot — Phone Sey. 5500

Architectural **CASTINGS** Mechanical
NORTH SHORE IRON WORKS, LTD.
Derricks — Tanks — Boilers
Phone 164 — North Vancouver — P.O. Box 1810

Canadian Builders Supply Co., Ltd.
Dealers in
SCREENED SAND AND GRAVEL
CRUSHED STONE, LIME, CEMENT ETC.
Office 1901 Georgia St. Seymour 7174. — Bunkers Sey. 4066 4065

GENERAL FIRE EXTINGUISHER CO.
MANUFACTURERS AND JOBBERS
WROUGHT, CAST IRON PIPE, FITTINGS, VALVES, ETC., FOR STEAM, WATER AND GAS.
ENGINEERS AND CONTRACTORS for AUTOMATIC SPRINKLER SYSTEMS
STEAM AND HOT WATER HEATING, BOILER AND ENGINE CONNECTIONS, UNDERGROUND PIPING.
GRINNELL AUTOMATIC SPRINKLERS
Call Seymour 4669—5138 — 1158 Hamilton Street.
VANCOUVER, B. C.

STAIN YOUR BUNGALOW
Don't paint them. Stain them over, roof, sidings and trimmings, with
CABOT'S SHINGLE STAIN
Phone Sey. 512 — HENRY DARLING — 28 Powell Street

B. C. EQUIPMENT CO.
MACHINERY DEALERS
CONCRETE MIXERS, STEEL CARS, TRANSMISSION AND CONVEYING MACHINERY, ROCK CRUSHERS, MINING MACHINERY, FOUNDRY EQUIPMENTS, PUMPING MACHINERY, ROAD MACHINERY, ETC., ETC.
Phone Sey. 9040 — Offices 609-13 Bank of Ottawa Bldg. — Whse. 1129 Homer

NOTICE TO CONTRACTORS!!
We have Been Appointed B. C. Distributing Agents for the Celebrated
Lundy Shovels & Spades
"50 per cent Longer Life"
If not Carried in Stock by Your Dealer, Phone, Write or Call
B. C. EQUIPMENT CO.
609-13 Bank of Ottawa Building — VANCOUVER, B. C. — Phone Seymour 9040

E. G. Prior & Co., Limited
WIRE ROPE
For Logging, Crane And All Purposes
—Manufactured by Wm. Cook & Co., Sheffield, England.
Phone Sey. 386. — 869 Beatty St.

SEWER PIPE — We are the sole Manufacturers of Machine-Made Glazed Cement Sewer Pipe in British Columbia.
DOMINION GLAZED CEMENT PIPE CO., LTD.
Office: Dominion Bldg., Vancouver, B. C. Phone: Sey. 8286

SCREENS!!
Rustproof Insect Screens
MADE IN VANCOUVER
Cooder Screen & Mfg. Co.
Tel. Fair. 1270 — 8th and Glen Drive

GLOBE IRON WORKS
MANUFACTURERS OF
Oil Burning Machinery
Plants Installed and Repaired
1815 PANDORA ST., cor. Salsbury
Phone High. 496 — Vancouver, B. C.

C. M. SWANBY
POWER HEATING AND VENTILATING ENGINEERING CONTRACTOR
Phone Sey. 2933 — 212 Duncan Bldg.
VANCOUVER, B.C.

THE BANK OF VANCOUVER
Head Office: Vancouver, B. C.
Branches throughout the Province of British Columbia.
SPECIAL ATTENTION GIVEN TO COLLECTIONS
Savings Department at all Branches. Deposits of One Dollar and upwards received and interest credited half-yearly.
Chas. G. Pennock, General Manager

Contractors' Bonds
Issued Without Any Delay
CASUALTY and FIRE INSURANCE
SIMLEY & CO.
[illegible]