

753-5 (E 1)

September 25, 1949.

Mr. E. A. Robertson,
Superintendent, Indian Agency,
433 Post Office Building,
Edmonton, Alberta.

Re: Edmonton Indian Residential School.

With further reference to your letter of
September 12th, and our reply of September 16, I enclose,
for your information, copy of a memorandum which has just
been received from the Lands and Development Services.

Philip Phelan,
Chief, Education Division.

Encl.

IP/EM

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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OFFICE OF THE
INDIAN AGENT

84

Edmonton Agency



CANADA

DEPARTMENT
OF
MINES AND RESOURCES
INDIAN AFFAIRS BRANCH

433 Post Office Bldg.,
Edmonton, Alberta,
September 30, 1949.

753-5
PLEASE QUOTE
FILE 110-6-1

Indian Affairs Branch,
Dep't of Mines and Resources,
Ottawa, Ontario.

RE: Repairs, Edmonton Indian Residential
School.

Referring to your letter of July the 14th in connection with shingling required at the Edmonton Ind. Residential School. When the shingles were removed from the buildings in question it was found that the metal gutters in the eables on the roof had rotted out and had to be replaced. I therefore, secured the necessary metal from The Barry Sheet Metal Co. Ltd., Edmonton at a cost of \$17.00 as per voucher #447 attached, which action I trust will meet with your approval.

E. A. Robertson

E. A. Robertson,
Superintendent.

EAR/p
Encl.

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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753-5

DEPARTMENT OF MINES AND RESOURCES

INDIAN AFFAIRS BRANCH

TREASURY ONLY

CHEQUE No.

DATE

Pay to The Sherwin-Williams Company of Canada,

Address Winnipeg,

Manitoba.

DATE 1949	SERVICE	AMOUNT
	Paint etc. supplied for the Edmonton Indian Residential School as per attached invoices.	
	#51410 - \$147.48	
	-11 - 5.70	
	-12 - 33.00	
	#51860 - 52.00	
	#51962 - \$486.44	
	Total - \$724.62	\$724.62
	Purchase Order No. 46924	

EDUCATION DIVISION
 OCT 18 1949
 FORWARDED TO TREASURY

RECEIVED
 SEP 30 1949
 RECORDS
 INDIAN
 AFFAIRS

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just, also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada. This expenditure was authorized by Departmental Letter, File No. dated

FORM No. I.A. 506

Earl Stewart
 Agent

VOUCHER No. 448/49

DATE September 26, 1949.

Indian Affairs. School Files.
 (RG 10, Volume 6351, File 753-5, part 7)

PUBLIC ARCHIVES
 ARCHIVES PUBLIQUES
 CANADA

753-5 (E1)

October 8, 1949.

Memorandum:

DEPARTMENTAL PURCHASING AGENT

Re: Purchase Order 46924

The total amount authorized on the above Purchase Order was \$668.26. We have now received the attached Voucher requesting payment of an amount of \$724.62.

Evidently, the firm supplied larger quantities than requested, but it also appears that the quantity received has been used by the Edmonton School.

We would, therefore, appreciate your approval to increase the Purchase Order so that we can arrange payment of the account.

PP/ST
Attach.

Bernard F. Neary,
Supt. of Indian Education

Indian Affairs. School Files.
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ADDRESS REPLY TO
PURCHASING AGENT

OVB/DA

64

For Indian Affairs Branch



CANADA
DEPARTMENT
OF
MINES AND RESOURCES
GENERAL ADMINISTRATIVE OFFICES

753-5

PLEASE QUOTE

FILE

3443

95923-4-6

OTTAWA.

Ottawa, Ontario,
12 October 1949.

Mr. W. Lauchlan

Re: Purchase Order No. 46924
Encumbrance No. 1191

Education Division of Indian Affairs Branch
have submitted invoices from Sherwin-Williams Company
of Canada Limited, Winnipeg, Manitoba, covering
painting supplies for Edmonton Indian Residential
School, amounting to \$724.62.

The difference between the amount of the in-
voices and that of the above order is due to the fact
that a greater quantity of green shingle stain was
supplied. Prices invoiced agree with those quoted us.

Will you please, therefore, increase encumbrance
No. 1191 by \$56.26.

Department of Mines & Resources
Indian Affairs Branch
OCT 12 1949
P.M.
REGISTERED

W. M. Vincent
W. M. Vincent,
Departmental Purchasing Agent.

RECEIVED
OCT 13 1949
INDIAN
AFFAIRS

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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DEPARTMENT OF MINES AND RESOURCES

PURCHASE ORDER

753-5

TO: Messrs. Williams Co. of Can. Ltd.,
125 Bathurst Ave.,
Winnipeg, Manitoba.

FILE NUMBER 68920-5/6

OTTAWA 5 August, 1949

PLEASE FURNISH THE FOLLOWING MATERIAL AND CARGO TO THE DEPARTMENT OF MINES AND RESOURCES.

FROM: Mr. E. J. Staley, Principal,
Soudan, Alberta.

SEND A SEPARATE INVOICE FOR EACH ORDER AND SEND 3 COPIES AFTER SHIPMENT.

PRICE: E. A. Robertson, Supt. Indian Agency,
445 Post Office Bldg., Edmonton, Alberta.

DATE: Edmonton, Alta. QUOTATION OF 25 July, 1949 DELIVERY REQUIRED BY 14 days.

QUANTITY	DESCRIPTION	UNIT	TOTAL
	<u>For Soudan Indian Residential School</u>		
240	gals. Green Single stain, in bbls.	6	114.00
24	gals. Green Roof Paint 3/5's 1/1's	2.50	113.00
18	gals. Red Base Paint 3/5's 2/1's	2.20	97.00
26	gals. Exterior White Paint 5/5's 1/1's	3.75	81.50
3	gals. Porch Grey Floor Paint, 1's	4.11	30.50
15	gals. Refined Linseed Oil	2.20	33.00
3	gals. Turpentine	1.14	5.75
25	lbs. Tatty per cwt	7.01	1.75
			\$ 665.25



*Robertson
15/8/49*

CLASS	CLASSIFICATION	PROJECT	EXHIBITION NUMBER
753	20	653	1191

W. H. VINGENT
DEPARTMENTAL PURCHASING AGENT

COPY FOR RECEIVING OFFICE

48924
THIS ORDER NO. IS VALID ON ALL FORMS AND RECEIPTS

Indian Affairs, School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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753-5

DEPARTMENT OF MINES AND RESOURCES

INDIAN AFFAIRS BRANCH

110

TREASURY ONLY

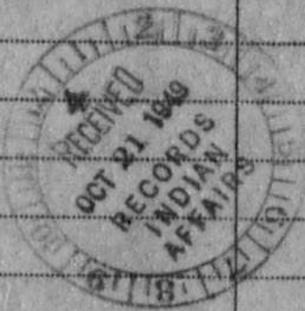
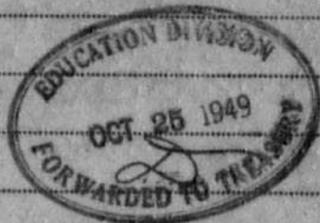
CHEQUE No.

DATE

Pay to Indian Residential School,

Address Edmonton,
Alberta,

DATE 1949	SERVICE	AMOUNT
	To paid for shingling barns etc., Edmonton Indian Residential School as per statement attached.	\$208 60
	Vote 516-10-691	



I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just, also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada. This expenditure was authorized by Departmental Letter, File No. Auth: 753-5 dated July 14/49.....

FORM No. I.A. 506 (E.1)

Earl Robertson

Agent

VOUCHER No. 469/49.....

DATE October 8, 1949.....

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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DEPARTMENT OF MINES AND RESOURCES

PURCHASE ORDER

S

753-

TO Metals Ltd.,
104 St. & 102 Ave.,
Edmonton, Alta.

FILE NUMBER 97944-1/2 Alta.

OTTAWA 22 September 1949

PLEASE FURNISH THE FOLLOWING MATERIALS AND CHARGE TO THE DEPARTMENT OF MINES AND RESOURCES.

SHIP TO Rev. E. J. Staley, Principal,
Edmonton Indian Residential School,
Edmonton, Alta.

VIA

RENDER A SEPARATE INVOICE FOR EACH ORDER AND SEND 4 COPIES AFTER SHIPMENT.

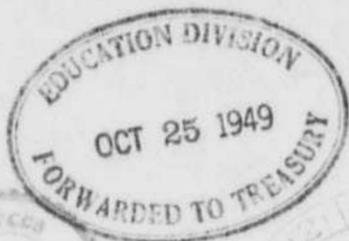
INVOICE TO Mr. E. A. Robertson, Supt., Indian Agency,
133 Post Office Bldg.,
Edmonton, Alta.

F.O.B. Edmonton, Alta. QUOTATION OF to Indian Supt. DELIVERY REQUIRED BY Immediately

QUANTITY DESCRIPTION UNIT TOTAL

3 Hanover toilet bowls and tanks, complete - net \$28.42 @ 145.26

Sales Tax Incl.



yellow copy to 30/9

VOTE PRIMARY OBJECT ENCUMBRANCE NUMBER

516 10 691 1459

CERTIFIED IN ACCORDANCE WITH SECTION 29 OF THE CONSOLIDATED REVENUE AND AUDIT ACT 1931.

ORIGINAL SIGNED BY H. FEE

FOR COMPTROLLER OF THE TREASURY

W. M. VINGEN

DEPARTMENTAL PURCHASING AGENT

COPY FOR RECEIVING OFFICER

NO. 48588
THIS ORDER NO. TO APPEAR ON ALL PACKAGES AND INVOICES

Indian Affairs. School Files.
(RC 10, Volume 6351, File 753-5, part 7)

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CANADA

HEAD OFFICE
CALGARY, ALTA.

METALS LIMITED

BRANCHES
VANCOUVER, B.C.
EDMONTON, ALTA.

WHOLESALE HARDWARE  PLUMBING & HEATING SUPPLIES

EDMONTON, CANADA

SOLD TO . DEPT. OF MINES & RESOURCES,
INDIAN BRANCH,
EDMONTON, ALBERTA.

DATE. OCT. 5, 1949

SHIPPED TO. MR. ROBERTSON
C/O INDIAN AGENCY, 433
ADDRESS. POST OFFICE BLDG. CITY.

OUR INVOICE NO. F 246 - 2295

YOUR ORDER NO.

SHIPPED VIA CALL

QUANTITY	DESCRIPTION	WEIGHT OR FEET	LIST PRICE	PER	GROSS EXTENSION	DISCOUNT	2% - 30 DAYS	NET GOODS
----------	-------------	----------------	------------	-----	-----------------	----------	--------------	-----------

1	ONLY HANOVER CLOSET COMB. LESS SEAT		39.50	EA				39.50
---	-------------------------------------	--	-------	----	--	--	--	-------

	LESS 5% IN LIEU OF SALES TAX							1.98
--	------------------------------	--	--	--	--	--	--	------

								37.52
--	--	--	--	--	--	--	--	-------

JS

NO GOODS MAY BE RETURNED WITHOUT OUR PERMISSION. GOODS RETURNED BY PERMISSION THAT HAVE BEEN FURNISHED CORRECTLY PER CUSTOMER'S ORDER WILL BE CREDITED LESS 5%

WHEN CORRESPONDING QUOTE OUR INVOICE NUMBER AND DATE.

E. & O. E.

FORM MBF - 6-49

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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CANADA

HEAD OFFICE
CALGARY, ALTA.

METALS LIMITED

BRANCHES
VANCOUVER, B.C.
EDMONTON, ALTA.

WHOLESALE HARDWARE  PLUMBING & HEATING SUPPLIES

EDMONTON, CANADA

SOLD TO . DEPT. OF MINES & RESOURCES,
MR. E. A. ROBERTSON, SUPT. INDIAN AGENCY,
433 POST OFFICE BLDG.,
EDMONTON, ALBERTA.

DATE. OCT. 5, 1949

SHIPPED TO. REV. E. STANLEY, PRINCIPAL
EDMONTON INDIAN RESIDENT-
IAL SCHOOL, CITY

ADDRESS.

SHIPPED VIA IMMEDIATELY

OUR INVOICE NO. F 247 - 6341 YOUR ORDER NO. 48588

QUANTITY	DESCRIPTION	WEIGHT OR FEET	LIST PRICE	PER	GROSS EXTENSION	DISCOUNT	2% - 30 DAYS	NET GOODS
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2	ONLY HANOVER TOILET BOWLS & TANKS COMPLETE	48.42	EA		96.84			
	SALES TAX INCLUDED				4.84			
	LESS 5% IN LIEU OF SALES TAX							92.00

JS

NO GOODS MAY BE RETURNED WITHOUT OUR PERMISSION. GOODS RETURNED BY PERMISSION THAT HAVE BEEN FURNISHED CORRECTLY PER CUSTOMER'S ORDER WILL BE CREDITED LESS 5%

WHEN CORRESPONDING QUOTE OUR INVOICE NUMBER AND DATE.

E. & O. E.

FORM MBF - 6-49

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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CANADA

753-5

DEPARTMENT OF MINES AND RESOURCES

INDIAN AFFAIRS BRANCH

110

TREASURY ONLY

CHEQUE No.....

DATE.....

Pay to Metals Limited,

Address EDMONTON,

Alberta.

DATE 1949	SERVICE	AMOUNT
	To toilet bowls etc. supplied to the Edmonton Indian Residential School as per statement attached.	\$129.52
	Vote: 516-09-615	
	P.O. #48588	

EDUCATION DIVISION
OCT 25 1949
FORWARDED TO TREASURY

OCT 21 1949
RECORDS
INDIAN
AFFAIRS

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just, also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada. This expenditure was authorized by Departmental Letter, File No.....dated.....

FORM No. I.A. 506

E. M. Robertson
Agent

VOUCHER No. #489/49

DATE October 14, 1949.

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

PUBLIC ARCHIVES
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CANADA

No. 37a

753-5

DEPARTMENT OF MINES AND RESOURCES
Edmonton Agency 110

This space for use of Head Office only

Requisition No.

October 13 19 49

Order No.

To the Department Purchasing Agent, Ottawa,

PLEASE FURNISH THE FOLLOWING SUPPLIES FOR USE OF Edmonton Indian Residential

School

et E

VOTE 516

ALLOTMENT

ALLOCATION SYMBOLS 619

SHIP TO Rev. E. J. Staley, Principal, Edmonton Indian Residential School,
Edmonton, Alberta.

Purpose for which required Watering stock on School Farm.

QUANTITY		UNIT PRICE	TOTAL
1 only	3x23x10 #27 Stock Trough approx. 350 gal. capacity	35 25	
	Westeel Products Ltd., Edmonton, Alberta		
	This trough is required to replace the old wooden trough which is leaking badly and will not last through the winter. If immediate authority can be given Westeel promise delivery early in November.		

I hereby certify that I have personal knowledge that all the above articles are required in the Department and for Departmental purposes only. The expenditure required by this requisition is strictly unavoidable and the public interest will suffer if it is not made.

SIGNED—

E. Robertson
E. Robertson, Sup't
Edmonton Indian Agency

APPROVED—

OCT 21 1949
RECEIVED

Director

NOTE:—(1) Group requisitions for equipment, supplies, and material according to commodity, i.e., books, stationery, printing, electrical goods, hardware, machinery, provisions, transportation equipment, etc.
(2) Avoid issuing requisitions for one item, only, except in cases of emergent necessity.
(3) Furnish exact details of product required.

R. 4072

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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CANADA

753-5 (E1)

AIR MAIL

October 26th, 1949.

Mr. E.A. Robertson,
Superintendent, Indian Agency,
433 Post Office Building,
Edmonton, Alta.

Re: Edmonton Indian Residential
School

With reference to requisition of October
13th, the Department approves purchase of a new
stock trough at the Edmonton Residential School,
for an amount of \$35.25.

PP/ST

Philip Phelan,
Chief, Education Division

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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CANADA

OFFICE OF THE
INDIAN AGENT

8.



CANADA
DEPARTMENT
OF
MINES AND RESOURCES
INDIAN AFFAIRS BRANCH

753-5

PLEASE QUOTE
FILE 110-8-3

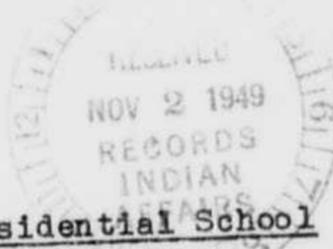
Your file:
753-5 (E.1)

Edmonton Agency

433 Post Office Bldg.,
Edmonton, Alberta,
October 31, 1949.

Indian Affairs Branch,
Dep't of Mines & Resources,
OTTAWA, Ontario.

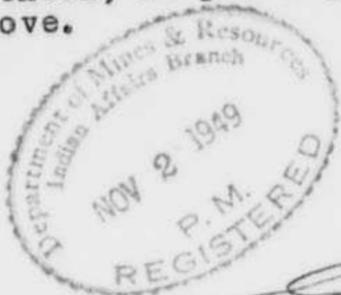
8806



RE: Edmonton Indian Residential School

Referring to my letter of June 28th 1949, in connection with repairs and improvements at Edmonton Residential School.

Will you please advise if authority has been granted for purchase of Electric Washing Machine for laundry at school, as per requisition attached to my letter as above.



E. A. Robertson

E. A. Robertson,
Superintendent.

EAR
Encl .

Indian Affairs. School Files.
(RC 10, Volume 6351, File 753-5, part 7)

PUBLIC ARCHIVES
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CANADA

753-5 (E1)

November 3rd, 1949.

Mr. E.A. Robertson,
Superintendent, Indian Agency,
433 Post Office Building,
Edmonton, Alberta.

Re: Edmonton Indian Residential
School. Your File 110-8-3

We have your letter of the 31st ultimo
with reference to the washing machine which
you requested in your letter of June 28th.

In a letter dated July 12th, we wrote
to you in part as follows:

"With reference to your letter of June
28th please let us have more specific information
regarding the type of washing machine that the
J.H. Ashdown Hardware Co. Ltd. are prepared to
supply for \$115.00. You should give the name of
the manufacturer of this machine and the catalogue
number if possible."

We have reviewed our file very carefully,
and we do not appear to have received any reply
to the above.



Philip Phelan,
Chief, Education Division

PP/ST

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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CANADA

753-5 (E1)

November 3rd, 1949.

Memorandum:

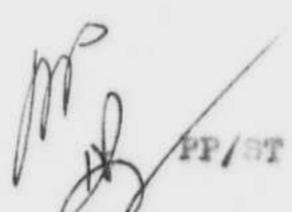
DIRECTOR, LANDS & DEVELOPMENT SERVICES

Re: Edmonton Indian Residential School
Your File I.A. 1656-12

I desire to refer to your memorandum of September 20th and previous correspondence with reference to the sewage disposal system, domestic hot and cold water services, heating system, boiler room alterations, etc., at the above mentioned school.

In the Supplementary Estimates for the current fiscal year, there has been included an amount of \$25,000.00, to carry out the work just mentioned.

From the information contained in the last paragraph of your memorandum of September 20th, it is presumed that you will be able to call for tenders immediately.

 PP/ST

Director.

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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FIELD SERVICE



CANADA

DEPARTMENT
OF
MINES AND RESOURCES
INDIAN AFFAIRS BRANCH

Edmonton Agency

EA

433 Post Office Bldg.,
Edmonton, Alberta,
November 2, 1949.

753-5

PLEASE QUOTE

FILE 110-18-1

Indian Affairs Branch,
Department of Mines and Resources,
OTTAWA, Ontario.

Please refer to purchase order \$46279 of July 20/49 covering 41 bdles of shingles for repairs to buildings for Edmonton Indian Residential School. We ran short of shingles and nails to finish this job and it was necessary to purchase an additional 6 bdles. of shingles and 10 lbs. of nails from the Hancock Lumber Company as per Voucher 518/49 for the amount of \$18.60 attached.

E. A. Robertson

E. A. Robertson,
Superintendent.

EAR/p

NOV 7 1949
RECORDS
INDIAN
AFFAIRS

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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CANADA

753-5

DEPARTMENT OF MINES AND RESOURCES

INDIAN AFFAIRS BRANCH 110

TREASURY ONLY

CHEQUE No.

DATE

Pay to Hancock Lumber limited,
Address 10572 - 101st Street,
Edmonton,
Alberta.

DATE	SERVICE	AMOUNT
1949	To Lumber supplied to Edmonton Ind. Res. School as per statement attached.	
	6 bdles #1 Cedar Shingles - \$17.10	
	#5 2 1/2" Nails .75	
	#5 2" " .75	\$18 60
	Vote: 516-10-691	

NOV 8 1949

RECORDS
INDIAN AFFAIRS

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just, also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada. This expenditure was authorized by Departmental Letter, File No. dated

FORM No. I.A. 506

E. Robertson
Agent

VOUCHER No. 518/49

DATE October 31, 1949

Indian Affairs. School Files.
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DEPARTMENT OF MINES AND RESOURCES
LANDS AND DEVELOPMENT SERVICES BRANCH
ENGINEERING AND CONSTRUCTION DIVISION

SPECIFICATION FOR

Alterations and Revisions To
Heating, Domestic Hot and Cold Water
And Sewage Disposal Systems
Indian Residential School
Edmonton, Alberta.

GENERAL CONDITIONS

The work outlined in this specification and shown on the accompanying drawings, namely, Index No. 917, Sheets No. M1/4, M2/4, M3/4 and M4/4, are intended to be carried out by a General Contractor, who, in this case, shall be the Steamfitter. He shall engage all necessary sub-contractors and skilled mechanics to do all work not relative to his own and shall be responsible for the successful carrying out and completion of all the work involved.

As this project is of an urgent nature, the Contractor will be required to engage skilled men in the numbers required to carry out the work as quickly as possible.

The Department will not enter into any correspondence with sub-contractors or tradesmen; all such matters pertaining to the job as may arise during the course of the work shall be between the General Contractor and the Department.

In submitting his estimate covering the complete installation, the General Contractor shall enclose his marked cheque for ten per cent, (10%) of the amount made payable to the Receiver General of Canada. At the time a contract is awarded, cheques will be returned to unsuccessful contractors.

Progress payments up to ninety per cent (90%) of the approximate value of the work based on monthly progress estimates, will be made at monthly intervals, with the remaining ten per cent (10%) being retained as a holdback until final completion and acceptance of the work by the Department.

Only work shown on the plan and/or included in the specification is authorized. No observations or conflicting instructions from personnel not connected with the Engineering and Construction Division, are to be recognized.

In order to accelerate progress of the work, the Department is prepared to render such constructive advice as the Contractor may require during the progress of the work.

All correspondence with the Department and documents mentioned herein, shall be addressed to:-

C. Victor F. Weir,
Chief,
Engineering and Construction Division,
Lands and Development Services Branch,
Department of Mines and Resources,
O t t a w a, Canada.

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

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ALTERATIONS AND REVISIONS TO
STEAM HEATING, DOMESTIC HOT AND COLD WATER AND
SEWAGE DISPOSAL SYSTEMS

1. SCOPE OF WORK

This specification and the accompanying plans Index No. 917, Sheets No. M1/4, M2/4, M3/4, and M4/4, are intended to provide for such alterations and revisions to the heating, domestic hot and cold water, and sewage disposal systems for the building mentioned as indicated under the following sub-headings:-

- (a) Disconnect and remove existing boilers.
- (b) Disconnect and remove existing boiler return trap and air eliminator assembly.
- (c) Provide and install two (2) new steel boilers and piping thereto, as shown on plans.
- (d) Provide and install new condensation pump and receiver with motor, where noted on plans.
- (e) Provide and install new float and thermostatic traps etc., on steam and branch mains, where noted on plans.
- (f) Provide and install stoker under boiler where shown on plans.
- (g) Provide and install stoker controls and pressure gauge.
- (h) Provide and install new steam heating piping, risers, etc., where shown on plans.
- (i) Provide and install new and additional radiation where noted on plans.
- (j) Provide and install new domestic hot water storage tank, where noted on plans.
- (k) Provide and install new indirect steam fed heater where shown on plans.
- (l) Provide and install new temperature control unit for hot water supply as noted on plans.
- (m) Remove all domestic hot and cold water mains, branch mains, risers etc., in school building and residences.
- (n) Provide and install new copper domestic hot and cold water distribution system in school as shown on plans and replace piping in residences.
- (o) Provide and install new drinking fountains in first floor dormitories.
- (p) Badly damaged W.C.'s in Boys' Lavatory to be removed and replaced.
- (q) Disconnect and remove existing hydro-pneumatic tanks and replace with new as hereinafter specified.
- (r) Boiler room opening to be enlarged and finished as detailed on plans.
- (s) Construct a new reinforced concrete ramp to new Boiler Room opening.

Indian Affairs. School Files.
(RG 10, Volume 6351, File 753-5, part 7)

PUBLIC ARCHIVES
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CANADA

- (t) Construct, and connect to existing sewage system, new septic tank, as detailed on plans.
- (u) All miscellaneous items required to complete the revisions as noted on plan or hereinafter specified, or as may be required, shall be supplied under this contract.

The Contractor shall take all measurements at the buildings and site, set out the work and be responsible for the accuracy of the same. He shall provide all labour, transportation, materials and plant, and give his personal and constant attention to the work, and be responsible for any damage done, including damage to any part of the building incident to the installation of the work.

2. VISIT THE SITE

The Contractor must visit the Site and see the conditions under which the work will be done and govern himself accordingly.

3. MATERIALS AND WORKMANSHIP

All materials shall be new and the best of their respective kinds, sound and free from defects.

All connections shall be made so as to permit free and unobstructed flow at all times, with adequate provision for expansion, and due attention given to the grading of pipes.

All work shall be executed in a neat and workmanlike manner by workmen skilled in this trade, and special attention shall be given to exposed work so that it be neatly erected with pipes plumb and true.

4. RULES AND REGULATIONS

All work shall be done in accordance with rules, regulations and recommendations as may be laid down by local or other authorities controlling such work. This Contractor shall file all necessary plans with such authorities and pay all necessary fees for permits, etc., as may be required.

5. NEW BOILER ROOM INSTALLATIONS

New installations in boiler room shall be located as detailed. Existing installations, where retained, shall be suitably relocated when, and if, necessary.

6. SEQUENCE OF WORK

The new hydro-pneumatic tanks shall be installed prior to the installation of the new boilers.

7. GRADING OF PIPES

All new horizontal branches of hot and cold water piping shall be so graded that they may be completely drained through drip connections which shall be installed at necessary points.

All new steam and return mains shall be graded to 1/4" in 10 feet in direction noted on plan.

All new spring pieces and horizontal laterals to radiators shall be graded to 1/2" per foot back to main.

8. CUTTING AND PATCHING

The Contractor shall be responsible for all cutting of holes through walls, floors, ceilings and roofs, incident to his work and shall be required to patch up to match existing wall, floor, ceiling

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and roof finishes in the area affected. Skilled workmen shall be employed for this work and it shall be carried out to the satisfaction of the representative of the Department.

9. PIPING

All steam piping and return mains shall be standard black steel pipe put together with cast-iron screwed fittings, with eccentric couplings and unions, screwed or flanged where required; all pipe shall be carefully reamed before assembly and pipe compound applied to pipe threads only. New pipes only shall be used in the boiler room. New risers and take-offs for radiators may be cut and welded into existing main.

No changes or additions to the fire protection service including fire lines, stand pipes, hoses etc., are contemplated.

Disconnect and remove all domestic hot, cold and recirculating water mains, branch mains, risers and branches under upper floors to fixtures. Disconnect and plug all mains, branches, etc., which may be under basement floor slabs.

Provide and install new domestic hot and cold water distribution system consisting of mains, branch mains; risers etc., of type "K" or "L" copper pipe with streamline fittings. The copper piping shall start at the pressure tanks. Galvanized wrought steel pipe is permitted for connections between new domestic hot water storage tank and heater. Mains in basement shall be exposed near basement ceiling. All connections to fixtures shall be fitted with air chambers not less than 12" long as shown on detail. All new piping to be of sizes shown on drawings, and distribution shall be made substantially as indicated.

The existing domestic hot water tank and Bungalow heater shall be connected to the new system in such a manner that they may be used for summer service when boilers are shut down.

A new water main leading to the residences of 1½" copper shall be installed and the supply pipe to each residence shall be 1" diameter. Mains in the residences shall be ¾" and suitable distribution made therefrom.

The main to the residences shall be below grade to avoid all chances of frost, i.e. a minimum of 6" below deepest frost line.

10. HOSE BIBBS

One hose bibb shall be installed in the boiler room and existing hose bibbs connected as required. These bibbs shall be one-half inch angle pattern hose valve with renewable seat and tee handle. Where hose bibbs are outside, install a combination shut-off and drainout valve on line inside the building.

11. COVERING

All new exposed cold water piping, unless otherwise noted, shall be covered 1" thick with anti-sweat wool felt sectional covering consisting of two ½" layers, each of which shall have been so fabricated by its manufacturer as to have a double thickness of asphalt paper both inside and out, stapled in place and jacketed with factory cotton pasted on.

All hot water supply pipes, unless otherwise noted, shall be covered with 1" thick 4-ply asbestos aircell sectional pipe covering carefully butted and fitted around hangers, etc., and jacketed with factory cotton pasted on.

Elbows, tees, valves, etc., shall be covered with asbestos cement and covered with cotton as specified for pipes.

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The new hot water storage tank with new heater shall be covered with 1" thick 4-ply asbestos aircell blocks, wired in place, and plastered 1" thick with long fibre asbestos cement applied in two coats, the last coat to be tempered with 10 per cent (10%) Portland cement and trowelled to a smooth finish. Paint two coats with waterproof paint of an approved colour.

All new steam mains shall be covered with 4-ply 1" thick asbestos aircell sectional pipe covering carefully butted and fitted around hangers where such occur, finished with factory cotton pasted on. Elbows, tees, valves, etc., shall be covered with long fibre asbestos cement wrapped with cotton as specified for pipes. Flanges, unions and return mains need not be covered unless so noted on plan.

12. VALVES

Valves generally shall be gate valves unless otherwise mentioned, 2" and under shall be all brass. Over 2" shall be iron body valves with bronze trimmings

13. TESTING

Water piping. Contractor will test all water piping before covering, using cold water at 100 lb. pressure.

14. HANGERS

Horizontal runs of water piping shall be supported at 8'-0" intervals with rod and ring hangers. No grabber bar allowed.

15. FLOAT AND THERMOSTATIC TRAPS

Provide and install on steam and branch mains, as detailed on plan, new float and thermostatic traps of an approved type complete with all valves, strainers, scale pockets unions etc., connect to existing wet return lines. Trap capacity at the water heater shall be as noted on plan.

16. RADIATION

Additional sections shall be connected to 36 existing radiators in the number and manner noted and detailed on plans.

New radiators shall be installed where and as noted and detailed on plans.

- (i) In basement - 6 new legless 2 column radiators wall hung as noted on plan.
- (ii) Ground floor - 5 new radiators of 2 column free standing type as detailed on plan.
- (iii) First floor - 8 new radiators of 2 column free standing type and 1 sectional wall radiator to match existing wall radiator in room.

17. RISERS, STUBS, SPRINGPIECES, ETC.

Where shown on plans new and renewed steam risers, spring-pieces etc., numbering 14 in all, shall be installed in the sizes noted. Only 4 new condensate return stubs are required as shown on plan.

18. RADIATOR VALVES AND TRAPS

New radiator valves shall be equal to C.A. Dunham Type 140 series, bellows packless with wood wheel handle.

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Traps shall be equal to C.A. Dunham standard thermostatic type for normal operating pressures up to 5 lbs gauge and not exceeding 15 pounds pressure.

19. DOMESTIC HOT WATER STORAGE TANK

Provide and install one Domestic Hot Water Storage Tank where and as noted on plan. Pressure Relief Valve shall be installed where shown on plan, and set at 70 p.s.i.

20. DOMESTIC HOT WATER HEATER

Provide and install as noted on plan, new indirect steam fed heater with cast iron shell and removable copper tube element equal to type "J" Alco as made by Arthur S. Leitch Co. Ltd, of Canada. Connect with new domestic hot water storage tank, providing all necessary valves and fittings as shown or as may be required.

Provide and install on steam line to heater one self-contained temperature regulating valve Equal to Powers No. 11. with dial thermometer and temperature adjustment complete with bulb and tube, as noted on plan.

21. DOMESTIC HOT WATER STORAGE TANK STAND

Provide and install new domestic hot water storage tank stand consisting of six (6) upright 2" steel pipes with flanged base supports and capped ends. These shall be braced in both directions.

22. STOKER CONTROL

Provide and install new, pressure gauges on new boilers complete with necessary siphon. Provide and install new pressure-trol on stoker fired boiler to control operation of newly installed stoker. This pressure-trol is to be set to cut stoker in at two and one-half (2½) pounds pressure, and out at four and one-half (4½) pounds pressure.

23. CONDENSATION PUMP

The Contractor shall remove existing boiler return trap and air eliminator assembly.

Provide, install where shown on plan, and connect new condensation pump equal to C.A. Dunham Co. Ltd., #C.H.1015 having a capacity of 10,000 square feet E.D.R. Pump shall be complete with motor (1/2) H.P. (110-220 volts single phase A.C.) welded steel tank, equipped with float switch and mounting saddles, mounted on integral base. Connect all returns to new pump and receiver.

24. BOILERS

Disconnect and remove existing two (2) boilers.

Provide and install two (2) new steel firebox boilers where, and as noted on plans. Connections to boiler room equipment shall be substantially as detailed on plans. Set each boiler on 12" brick base. Boilers shall be equal to Calor SO 541 as made by E. Leonard and Sons Ltd., having a capacity of 7391 E.D.R. net. Boilers must have smoke breeching at rear.

The right-hand boiler shall be equipped with grates having an area of 22 square feet, for hand firing.

25. SMOKE BREECHING

Provide and erect new smoke breeching of sizes shown on detail. Breeching shall be made up of #16 U.S. gauge black steel suitably reinforced with 1½" x 1/8" angles and provided with cleanouts where shown.

26. AUTOMATIC BOILER FEEDWATER REGULATORS

Provide and install, where shown on plan, automatic boiler feedwater regulators of an approved make, and of size in accordance with manufacturer's recommendation, designed to definitely maintain boiler water level at all times. Regulators to be furnished with low water cut-off and cold water supply for boiler connected thereto.

27. STOKER INSTALLATION

Provide and install new screw feed underfeed stoker under Boiler where shown on plan. Stoker shall be equal to Iron Fireman Series 31 Standard Hopper Model, No. 4. having a maximum capacity of 300 lbs of coal per hour. The motor shall be 2 H.P. having suitable electrical Characteristics Installation shall be in accordance to manufacturers instructions and requirements. Stoker shall be furnished with steel hopper with feed wheel, cast alloy worm in steel having removable inspection plate, and first quality gear box, with feed adjustment from high to low in steps.

28. DRINKING FOUNTAINS (4 REQUIRED)

Install where noted on plan, in dormitories, porcelain enamelled cast-iron wall fountain with 11" bowl, chromium plated angle stream jet, strainer and $\frac{1}{2}$ " male connection, having chromium plated brass supply with loose key stop. Waste pipe $1\frac{1}{4}$ " with adjustable "p" trap. Connect to nearby waste main, running pipe exposed.

29. CLOSET COMBINATION (3 REQUIRED)

Contractor shall remove W.C.'s in Boys' Basement Lavatory. Replacements shall be new.

Vitreous china reverse trap elongated rim bowl with cast iron floor flange asbestos gasket and china bolt caps.

New Vitreous china low down closet tank with silent ball cock and $\frac{3}{8}$ " galvanized angle supply with rough plated brass stop and wall flange.

New Black Bonalite open front seat less cover with plated bar hinge.

30. MANUFACTURERS' PLATE NUMBERS AND ILLUSTRATIONS

The Contractor shall submit in quadruplicate a list of the Plumbing Fixtures and Fittings with Manufacturers' Plate Numbers and Illustrations that he proposes to supply to the Department for approval. Fixtures and Fittings shall be as specified consistent with such restrictions as may apply; for any such not obtainable the Contractor shall submit obtainable and acceptable alternative subject to the final approval of the Department.

31. HYDRO PNEUMATIC TANKS

Disconnect and remove existing hydro-pneumatic tanks and replace with two new steel hydro-pneumatic tanks 45" x 18'-0" long, capacity approximately 1200 Imperial gallons, built to withstand 100 lbs. working pressure. Tanks shall each be equipped with a manhole and water and air openings placed for convenient piping when set on saddles. Each tank shall be equipped with two (2) glass water gauges each not exceeding 18" in length. All tappings to be bossed.

32. SEPTIC TANK

Construct a new septic tank where shown on plot plan in accordance with the drawings. The sewage shall be diverted from nearby manhole into new septic tank and the effluent cut into existing effluent main at a convenient point past the old septic tank. Levels shall be taken from invert of existing manhole and carried through to point where

effluent from new tank enters existing effluent main, to ensure proper flow at all times, and to establish the depth below grade for new septic tank. The drop in the main between manhole and new tank shall be at least 2" in 10'-0". Waste from laundry shall by-pass both septic tanks. The new tank shall be positioned so as to avoid existing rain-water and laundry waste by-pass.

33. EXISTING SEPTIC TANK

Disconnect existing pipe and close opening in manhole when new septic tank is in operation.

Remove roof of existing septic tank and fill with earth excavated from new tank location, and abandon.

34. CONCRETE

(a) For Septic Tank

To be class "A" in the proportions of 1 part Portland cement, 1½ parts coarse clean sand and 2 parts of broken stone not exceeding 1½" in size, and 4½ Imperial gallons of water including surface water in the aggregate. The concrete shall develop 3000 pounds per square inch compressive strength at 28 days and be of watertight density.

(b) For Ramp - Retaining Wall

To be class "B" in the proportions of 1 part Portland cement 1½ parts coarse clean sand and 3 part broken stone not exceeding 1½" in size and 5.10 Imperial gallons of water including surface water in the aggregate. The concrete shall develop 2500 pounds per square inch compressive strength at 28 days.

35. REINFORCING STEEL

For concrete shall be of intermediate grade rail or billet steel and shall comply with the standard specification of the Canadian Engineering Specifications Association.

36. NEW OPENING TO BOILER ROOM AND RAMP

Remove existing window and break out wall to make new opening and concrete ramp as detailed on plan. Provide and install doors, glazing, kick plates etc., as detailed or as may be required. Brick-work and concrete around opening shall be made good.

37. DRAINAGE AT RAMP

Place one floor drain in concrete slab at bottom of ramp and connect to existing weeping tile drain at building footing.

38. CONTROL EQUIPMENT

The Contractor shall furnish and mount where shown on plan, or where directed, all thermostats, aquastats, and other automatic electrical or other control equipment for temperature and pressure regulation, of approved manufacture, suitable capacity and electrical characteristics in accordance with details, shown on plan or specified, or as may be required. All wiring will be done by the Electrical Contractor.

39. SHOP DRAWINGS

Shop drawings shall be submitted in quadruplicate for approval to the Department, of boilers and stoker with settings.

40. COMPLETION

Upon completion of the work, the Contractor shall remove all rubbish and waste materials resulting from his work and leave the whole system in perfect working order.

41. RECORD PLANS

During the progress of the work the Contractor shall keep a record of all changes to the original plans.

Upon completion of the work the Contractor shall turn over one set of signed blueprints to the representative of the Department at the time of his inspection, with such changes clearly recorded in red. Blueprints for this purpose will be furnished by the Department.

42. GUARANTEE

The Contractor will be called upon to guarantee his work for a period of one year after date of acceptance by the owner. He shall make good or replace any defect arising in his work during that period, at his own expense and as soon as possible after having been notified in writing that such defect occurs.

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Square Feet S.D.P.	1-26	28-30, 32-34	36-38	40-42
Living Room	12	10	12	10
Dining Room	10	12	10	12
Kitchen	8	10	8	10
Bathroom	5	6	5	6
Bedroom	10	12	10	12
Hallway	2	3	2	3
Staircase	1	1	1	1
Other	1	1	1	1
Total	49	53	49	53

Ground Floor Plan

First Floor Plan