

Indian Affairs  
School Files

(RG 10 Volume 6464)



File 888-5, part 1	Lytton Agency - St. George's Residential School - Building Maintenance-Supplies-Accounts 1923 - 1927
File 888-5, part 2	Lytton Agency - St. George's Residential School - Building Maintenance-Supplies-Accounts 1927 - 1929
File 888-5, part 3	Lytton Agency - St. George's Residential School - Building Maintenance-Supplies-Accounts 1929 - 1933

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**VOL-2**

~~No. 155-0-5~~

155-0-5

Department of Indian Affairs

**888-5**

LYTTON INDUSTRIAL SCHOOL

BUILDINGS

**PUBLIC ARCHIVES  
RECORDS CENTRE**

10/22/2

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poor copy

Please address all  
communications to  
"The Manager"

# The Canadian Bank of Commerce

Cable Address:  
"Canbank"

Ottawa, Ont.

5th October 1927

The Chief Accountant,  
Department of Indian Affairs,  
Ottawa, Ontario.

R

Dear Sir:

Referring to your letter of 21st ultimo, we now  
enclose transfer forms duly completed.

Yours truly,

*J. M. Gray*  
pro Manager

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F. 165 -9-15

October 6th., 1927.

Dear Sir,-

I beg to return herewith, duly completed,  
the transfer of bonds by Messrs. Adkison & Dill Ltd.,  
sent you under cover of my letter of the 21st September  
last.

Yours obediently,

F.H. Paget  
For Deputy Superintendent General.

The Deputy Minister of Finance,  
Ottawa.

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Department of Indian Affairs

Vote No. *See*  
Treaty No. *Vote*

To FRANK W. BATER

INSPECTOR OF CONSTRUCTION

LYTTON, B.C.

DATE	SERVICE.	AMOUNT.
	SEPTEMBER 1.2.3.6.7.8.9.10.12 13.14.15.16.17.19.20.21 22.23.24.26.27.28.29.30.	
SEPT. 30	25 DAYS OF SERVICE AS INSPECTOR OF CONSTRUCTION AT \$ 6.00 PER DAY ...	150 00
SEPT. 30	30 DAYS ROOM & BOARD AT \$1/70 PER DIEM	51 00
	TOTAL,	201 00

*Recommended for payment*  
*R. Gurney Orr*

*3046*  
*12-10-27*

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.

*J. G. Shore*

SGD. REV. A. R. LETT  
Agent.

Form 52.

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St Georges (New) Res: School Agency  
Lytton B.C.

DIARY FOR MONTH OF September 1927

- 1 Pouring of concrete for foundations Walls continues
- 2 Carload Cement arrives
- 3 Carload of Common Brick from Salmon Arm B.C.
- 4 delivered, Rejected for exterior work.
- 5
- 6
- 7 Plumbers roughing in Material arrives. 18 ton shipment
- 8 Plumbers commence work.
- 9 Carload Common Brick arrives. from Victoria. B.C.
- 10 (Acceptable for face work.) Also car Hollow Tile.
- 11
- 12 Large section of under floor Plumbing given a
- 13 water test. Soil pipe & Rain water lines.
- 14 Submitted Sketch of Manual Training room to builders
- 15 for estimation of cost.
- 16 15<sup>th</sup> Signed 1<sup>st</sup> Certificate for \$14,220<sup>00</sup> for Adkinson & Dill Ltd
- 17 Mailed copies of 1<sup>st</sup> Certificates to the Dep't's Secretary.
- 18 2 Carload of Hollow Tile arrives
- 19 2 Carload of Brick "
- 20 All under floor Steam Wet Return Piping laid
- 21 and tested. Also all under floor Roughing in
- 22 of plumbing completed & given water test
- 23 Received Dep't's wire Re Fire Protection
- 24 Submitted Sketch of approved Plans for Fire Protection
- 25 to Adkinson & Dill. contractors, for figure.
- 26 Carload of Window & Doors. Frames arrives
- 27 26<sup>th</sup> Brickwork commences
- 28 Carload lumber arrives Siplap 2x4-2x6. Scantling
- 29 Casting of Artificial Stone Sills commences
- 30 Exterior face of foundation walls Water proofed
- 31 Coal Tar Pitch

Frank W. Bator AGENT  
Inspector

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Const: Inspectors Bi-monthly Report  
New St Georges Res School  
Lynton B.C.  
Sept 30 27

W. J. Mackenzie  
Sec: Dept of Indian Affairs

Dear Sir

During the latter half of this month progress has been somewhat slow, but otherwise satisfactory. Slowness in the delivery of lumber. Will work, & Steel has been the chief cause. But during the past 2 days these things have been arriving in abundance.

All Basement Window & Door Frames are set and work also going ahead on interior stud partitions.

Staging all set for a large gang of Bricklayers. Several men starting today. All underground roughing in of Plumbing & steam return pipes has been completed & thoroughly tested. A crew of men are engaged casting reinforced concrete lintels. Window & door sills.

With labor & material in abundance great progress should be made in the near future.

I have carefully checked over the work done & can say with certainty that the plans & Specifications have been followed out to the letter.

Obediently Yours  
Frank W. Boster  
Inspector.

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165-0-15  
A.C. 11 Georges Res: School  
Lynn  
R B 6 -

DEPT. OF INDIAN AFFAIRS  
OCT 6 1927

Sept 30: 27

A 7 Mackenzie  
Secretary Dept of Indian Affairs  
Dear Sir

Herewith attached is my Bi Monthly  
Progress Report. Diary Sheet for Sept. and  
my Service Acct. Statement.  
I duly received the Stationary asked  
for and also the tracing paper for  
which I thank you

Obediently yours  
Frank W Bate

P.S.  
My pay cheque for Aug \$98<sup>25</sup> was  
made to the Rev Mr Lett. which he  
kindly endorsed & handed over to me  
Thought I had better mention it.  
F.W.B.

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St-Georges Res School  
Tytton B.C.

Oct 4-27

Mr E Guernsey Orr  
Architect

Dept of Indian Affairs



Dear Sir

The contractors Adkison & Dill have called my attention to the fact - that in the Specifications of new School (Brickwork section) no mention is made of Fire Places. Two are shown in Residence Plan. of course but they wish to know whether they are to be finished in Brick or otherwise such as Wood & Tile Mantels. And also whether Dampers are to be built in chimney throats.

As these details are not specifically mentioned they are asserting their claim to an "Extra" on this. but as to this I am not concerning myself in this letter

They declared, however, their intention to omit dampers off hand but believing this would be a mistake I have ordered that dampers be built

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in now as chimneys are being  
built.

Taking the viewpoint that this  
is not extra work, I wish to  
be informed as to whether it is  
to be finished in brick or otherwise

as they are usually finished in  
brick. I would recommend Brick

Should you have the Fire place  
designs or details drawn up at  
your office I would be glad to  
have them, but if not I have

several suitable stock designs for  
Brick, which I can forward on  
to you for your approval.

Designs approved of by Rev Mr Tett.  
I am Sir

Obediently Yours  
Frank W. Bator.  
Inspector

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165-0-15-

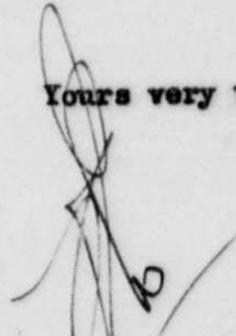
File

Oct. 12, 1927.

Dear Sir,-

Replying to your letter of the fourth instant, with reference to the new St. George's Indian Residential School, I beg to say that the fire places are to be faced with brick and finished on top with a wood shelf, and a damper should also be installed. If you will submit a design that is acceptable to Mr. Lett I will be glad to consider it.

Yours very truly,



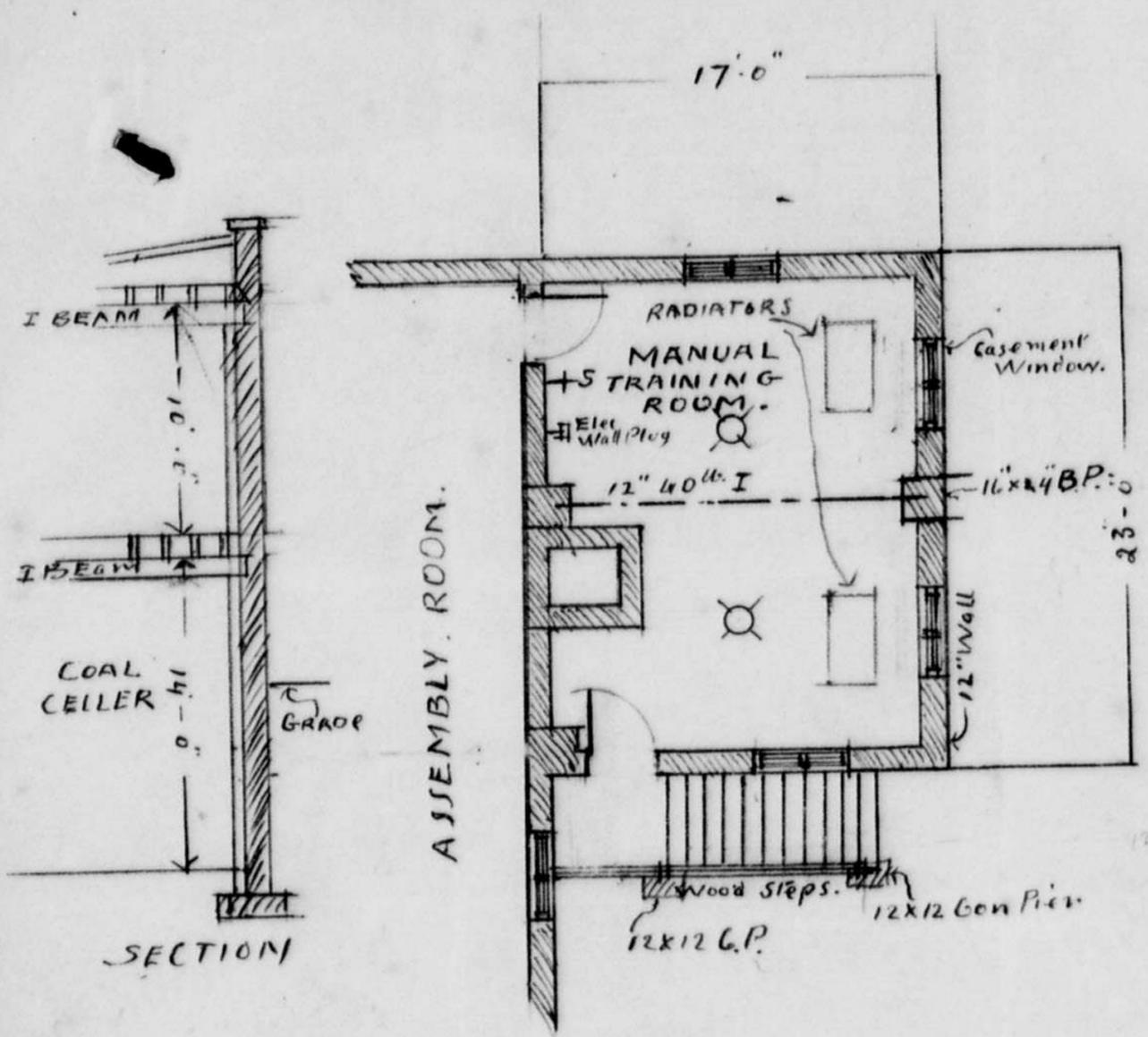
R. GURNEY ORR.  
Architect for the Department.

Frank Bator, Esq.,  
Inspector of Construction,  
St. George's School,  
Lytton, B. C.

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DETAIL OF  
 MANUAL TRAINING ROOM  
 Scale 1/8" = 1'-0"

ST GEORGES RES. SCHOOL  
 LYTTON. B.C.  
 Fran H. W. Batcher.

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J. C. DILL, MANAGER

PHONE SEYMOUR 3768

**ADKISON & DILL, LIMITED**  
GENERAL CONTRACTORS AND BUILDERS

RE-INFORCED  
CONCRETE  
A SPECIALTY

106-107, 319 PENDER ST. W.

VANCOUVER, B. C. October 4th., 1927.

F.W. Bater, Esq.,  
St. George's School,  
LYTTON, B.C.

Dear Sir:

This is to confirm our verbal tender for the complete manual training room, above the coal room including heating sufficient to keep the room up to about 60 degrees, also the necessary wiring.

The ceiling is to be of stamped metal same as other ceilings but the walls will be left showing the hollow tile and not plastered, all in accordance with your sketch, for the sum of fourteen hundred dollars. (\$1400.00).

Trusting this will be satisfactory to you, we are

Yours truly,  
ADKISON & DILL, LTD.,

JCD/H

Per

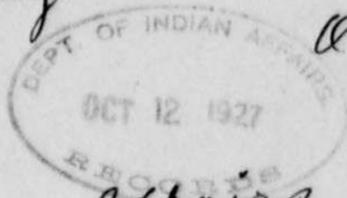
*J. C. Dill*

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165-0-15  
St Georges Residential School  
Lyttoua. B.C.



Oct 6. 27

Mr J. D. McLean

Dept of Indian Affairs

Dear Sir

I have today received Adhison & Dill  
formal Tender for erection of Manual  
Training Room and am forwarding  
to you (herewith enclosed) same on  
to you for filing.

This tender was accepted as per  
your wired of Sept 23<sup>rd</sup>

Your letter of the 29<sup>th</sup> ult. in reference  
to Electrical layout - duly received  
and as soon as I receive Mr C. C.  
Carters price for the Fire Gong, I shall  
forward you the particulars.

Obediently yours

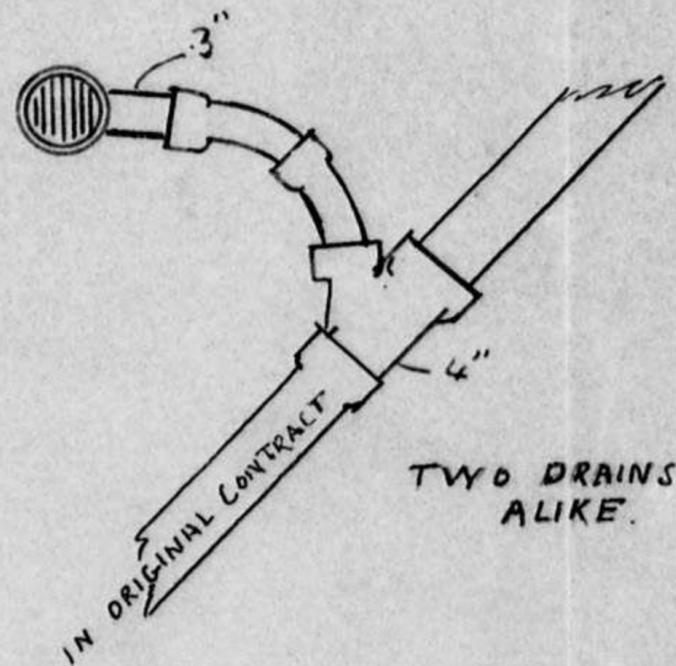
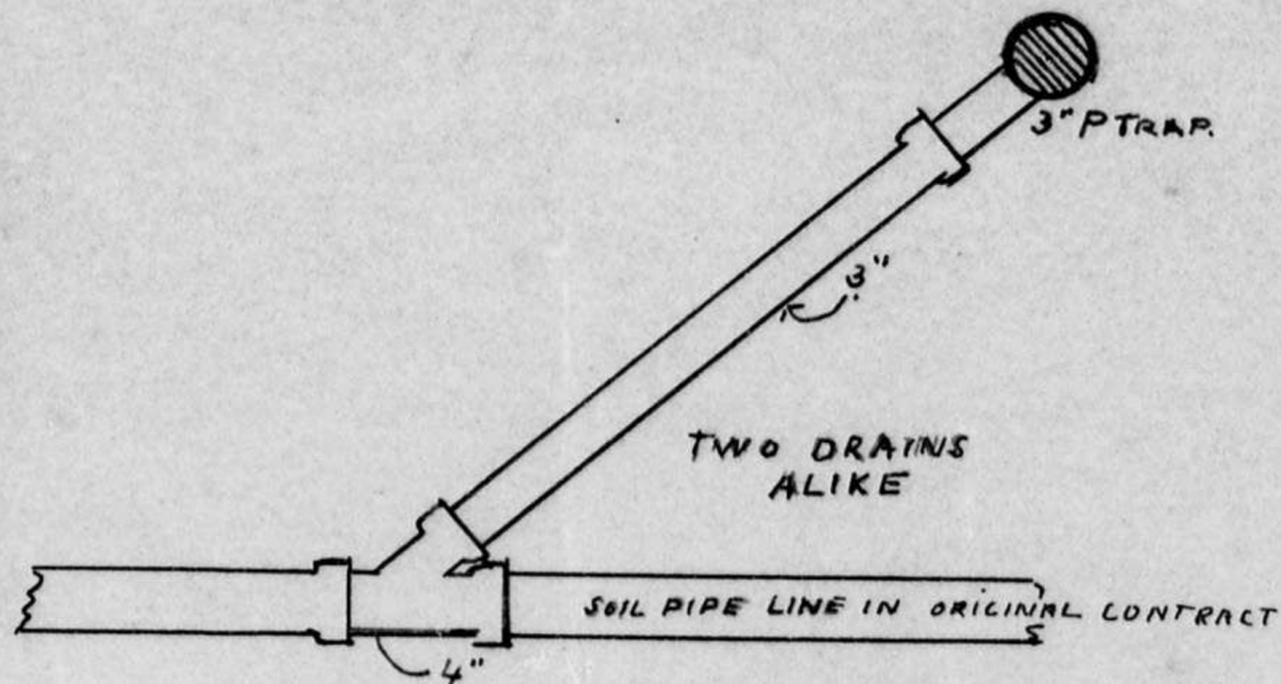
Frank W Batey  
Inspector

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DETAIL OF EXTRA FLOOR DRAINS:

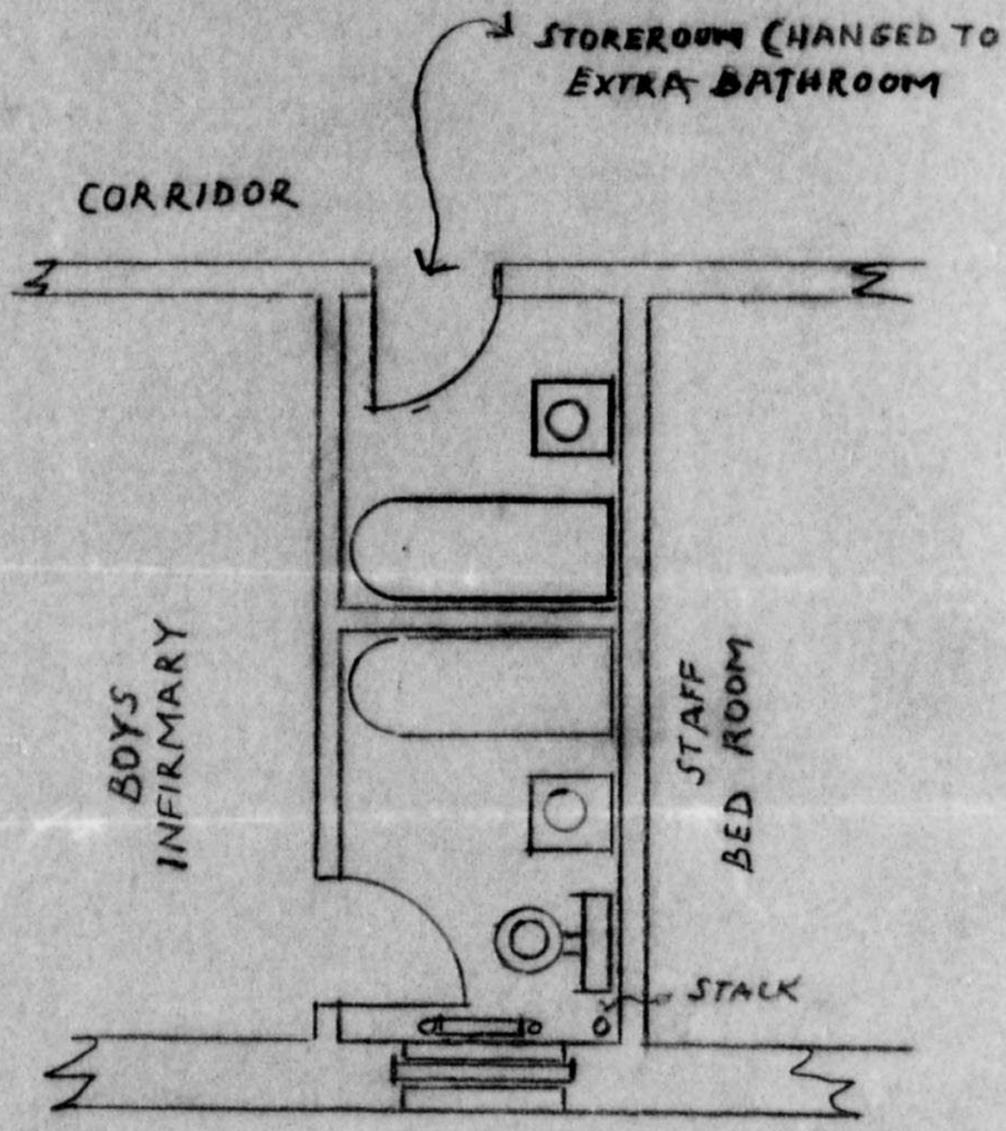
(4 IN ALL)

ST GEORGES RES. SCHOOL  
LYTTON, B.C.

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SCALE  $\frac{1}{4}$ " = 1 FT

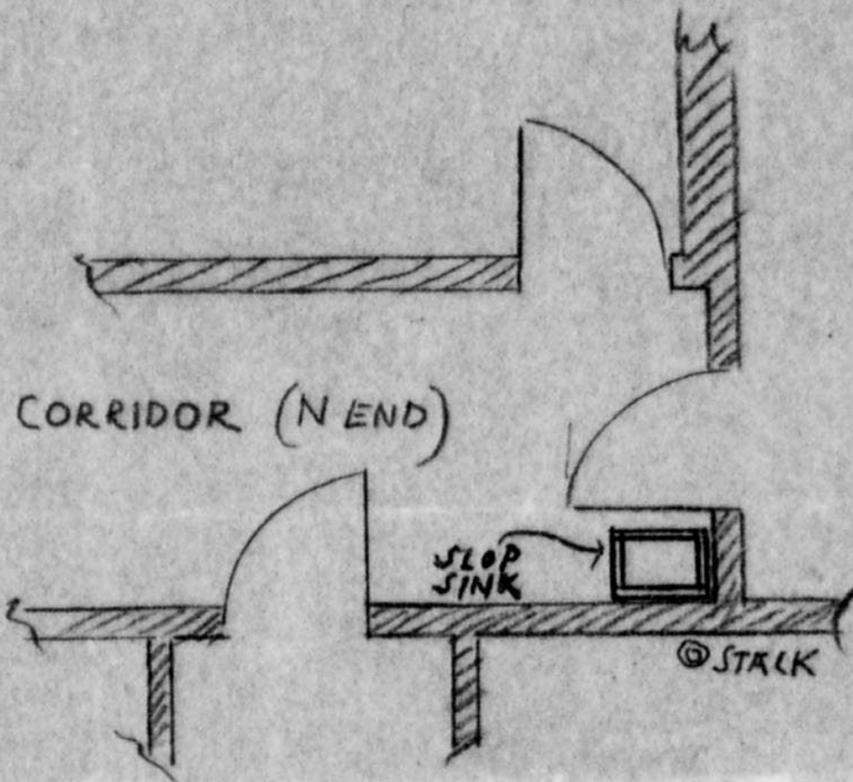
DETAIL OF EXTRA BATHROOM  
 REQUIRED ON FIRST FLOOR  
 ST GEORGE'S RESIDENTIAL SCHOOL  
 LYTTON BC.

F W Batek

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$\frac{1}{4}$ " SCALE

POSITION OF EXTRA SLOPSINK,  
ON FIRST FLOOR CORRIDOR.

ST GEORGES RES SCHOOL, LYTTON, B.C.

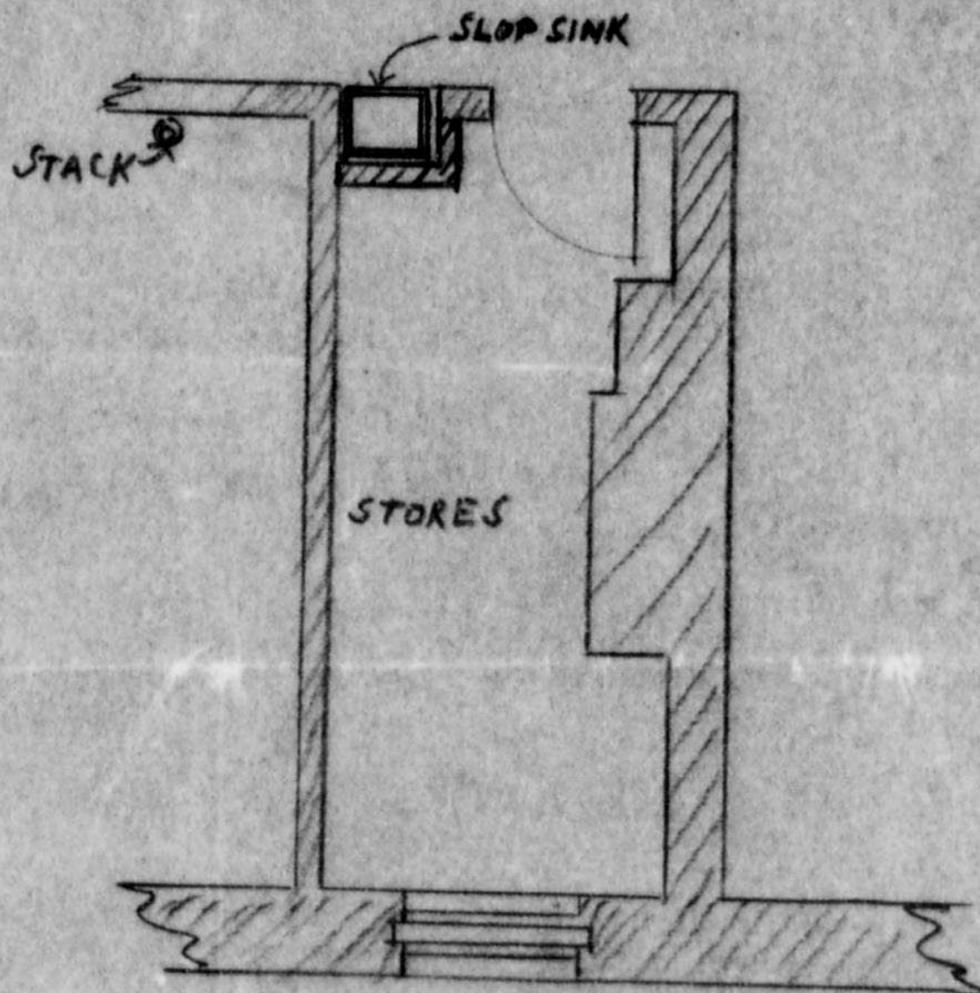
F. W. Bates.

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CORRIDOR (N END)



$\frac{1}{4}$ " SCALE

POSITION OF EXTRA SLOP SINK  
ON GROUND FLOOR CORRIDOR,  
ST GEORGES RES SCHOOL, LYTTON, B.C.

F W Bate

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# ADKISON & DILL, LIMITED

GENERAL CONTRACTORS AND BUILDERS

RE-INFORCED  
CONCRETE  
A SPECIALTY

106-107, 319 PENDER ST. W.

VANCOUVER, B. C. October 5th., 1927.

Frank W. Bater, Esq.,  
Inspector of Construction,  
St. George's School,  
LYTTON, B.C.

Tender for extras on St. George's School.

Dear Sir:

We propose to instal the fire protection lines as per your drawing and explanation, in the above school and as follows:

There will be three 75' lengths of 1½" linen hose with nickel plated valves, nozzles, couplings and hose racks (no cabinets) with galvanized main as per drawing.

Also seven (7) 50' lengths of 1½" linen hose, all as above, complete for the sum of One thousand fifty dollars and fifty cents. (\$1050.50).

We will put in four (4) extra floor drains, one at each end of the dining room, of basement floor and one in each of the boys and girls recreation rooms all complete with strainer plate and connections for the sum of One hundred sixty-eight dollars and thirty cents. (\$168.30).

We will put in one (1) extra bath and one (1) extra basin complete as per sketch, in the store room of the first floor off corridor, for the sum of Two hundred sixty-eight dollars and forty cents. (\$268.40).

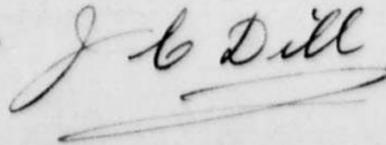
Also two (2) extra slop sinks as per sketches, one on ground floor and one on first floor, making all sewer and water connections complete, for the sum of Four hundred ten dollars and thirty cents. (\$410.30).

We return herewith all sketches for above work.

Trusting this will be satisfactory and that we may receive the orders to proceed with the above work, we are

Yours truly,  
ADKISON & DILL, LTD.,

Per



JCD/H

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165-0-15

Mr J. D. McLean  
Secretary  
Dept of Indian Affairs  
Lynton B.C.

DEPT. OF INDIAN AFFAIRS  
OCT 12 1927  
RECORDS

Oct 6. 27

Dear Sir  
I have today received a letter from the contractors Addison & Dill enclosing their Tender for installing the proposed Fire Protection Lines & Hoses as requested in the Depruts wire of Sept 20<sup>th</sup>

I have enclosed same herewith together with plan of layout proposed upon the same sheet are their Prices for the extra Plumbing asked for together with sketches showing fixtures required  
you will advise me in due course whether or not this work is to be done on basis of these Prices

In the case of the Plumbing items I would think personally that they are excessive. However I am forwarding them on for your

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Depmt's information

• Their estimate of cost of the  
4 floor drain is unreasonably high.

As I had been waiting a long  
while for the estimate on the  
Fire Protection unit. I invited  
one other Plumbing concern  
Messrs Barr & Anderson Vancouver  
to figure on this. and as soon  
as I receive it I will forward  
it on to the Depmt for their information  
& to compare.

However Adkinson & Dills figure seems  
reasonable. I would suggest  
in regard to the Plumbing items  
that you ask them to revise  
their figures, as I believe it is  
not the Depmt's practice to have  
extra work done on percentage basis.

Obediently Yours  
Frank W Bate  
Inspector

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PLEASE ADDRESS YOUR REPLY TO  
THE DIRECTOR OF  
WATER POWER AND RECLAMATION  
DEPARTMENT OF THE INTERIOR  
OTTAWA, CANADA



DEPT. OF INDIAN AFFAIRS  
OCT 12 1927  
RECORDED

DIRECTOR J. T. JOHNSTON, C.E., M.E.I.C.  
ASST. DIRECTOR V. MEEK, B.Sc., M.E.I.C.

PLEASE REFER TO ONE SUBJECT IN A  
LETTER, AND IN YOUR REPLY QUOTE

FILE NO. 14362-W.  
2543-W"A".

MFC/ZB

DEPARTMENT OF THE INTERIOR  
CANADA  
DOMINION WATER POWER AND RECLAMATION SERVICE

OTTAWA, ONT. October 11, 1927.

Sir,

In further reference to your letter of August 13 last in regard to the water supply and sewage disposal system for the St. George's Indian residential school at Lytton, B.C., we are advised by Mr. Webb that work has begun and he requests to be furnished with the amount of the original appropriation, namely, \$8825. I shall be obliged, therefore, if you will send me a cheque for that amount for transmission to Mr. Webb.

He states also that an additional sum of from \$1500. to \$2000. will be required to lay the separate pipe for laundry and kitchen waste with the inspection chamber and connections as authorized verbally by the departmental architect on September 26.

Your obedient servant,

J. T. Johnston,  
Director.

*per H.F.C.*

Mr. J.D. McLean,  
Assistant Deputy and Secretary,  
Department of Indian Affairs,  
Ottawa.

*Accepted and recommended  
Oct 15/1927  
3220*

*cheque for  
\$10,000 please  
MFC*

ACCO  
OCT 1  
SCHOOLS BRANCH

Indian Affairs (RG 10 Volume 6464, file 888-5, part 2)

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165-0-15.

*McLean*  
*see under*

Ottawa, October 18, 1927.

Sir:

I have your 14362-W. 2543-W"A". of the 11th instant and have directed to you, under separate cover, a cheque for \$8825. I note that an additional sum of from \$1500 to \$2000 will be required to lay the separate pipe for laundry and kitchen waste at the Lytton Indian Residential School. When a further cheque is required it will be directed to you for forwarding upon application.

Your obedient servant,

*J. D. McLean*

J. D. McLean,  
Asst. Deputy & Secretary.

*J.T.* *Johnston*

J. T. Johnston, Esq.,  
Director,  
Water Power & Reclamation,  
Dept. of the Interior,  
Ottawa, Ont.

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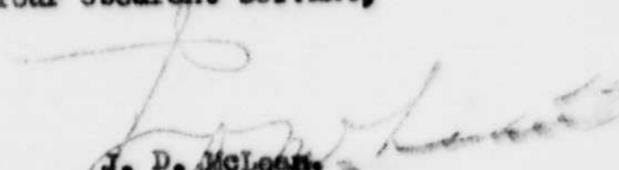
Oct. 16, 1927.

Sir,-

Replying to your letter of the 6th instant, with reference to the extra plumbing work asked for in connection with the new St. George's School, I beg to say that the Department is prepared to give consideration to the installation of the necessary fire protection and also additional floor drains. It is not thought, however, that the balance of the plumbing fixtures are necessary. The prices quoted for the floor drains is excessive, but if you can make satisfactory arrangements with the contractor to put these in at a reasonable price, they may be authorized.

With reference to the fire protection kindly obtain a price from the contractors for the installing of all of the pipe required, but not including the hose, valves, nozzles and cabinets, that is to leave the pipe ready for connections. If the contractor is prepared to submit to you a reasonable price for this work same may be authorized.

Your obedient servant,

  
J. D. McLean,  
Assistant Deputy and Secretary.

  
Frank Bater, Esq.,  
Inspector of Construction,  
St. George's School,  
Lytton, B. C.

Indian Affairs (RG 10 Volume 6464, file 888-5, part 2)

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Itemized List of Additional  
Fittings Required  
Lytton Industrial School, Sewage System

Reference Nos. refer  
to Grinnell's  
Catalogue.

Main Sewer

1. 265' 6" dia. vitrified sewer pipe  
6 sacks cement 1 : 1 mix

Branch sewers

2. 760' 4" dia. vitrified sewer pipe  
9 sacks cement 1 : 1 mix

Manhole No. 1 (4 cu. yds.)

3. 20 sacks cement (1-2½-5) mix
4. 700' ½" R.R.
5. 1-2' dia. manhole frame and cover

Manhole No. 2 (3.7 cu. yds.)

6. 18 sacks cement (1-2½-5) mix
7. 670' ½" R.R.
8. 1-2' dia. manhole frame and cover

Manhole No. 3 (3.1 cu. yds.)

9. 16 sacks cement (1-2½-5) mix
10. 650' ½" R.R.
11. 1-2' dia. manhole frame and cover

Manhole No. 4 (4.5 cu. yds.)

12. 23 sacks cement (1-2½-5) mix
13. 800' ½" R.R.
14. 1-2' dia. manhole frame and cover

Manhole No. 5 (4 cu. yds.)

15. 20 sacks cement (1-2½-5) mix
16. 700' ½" R.R.
17. 1-2' dia. manhole frame and cover
18. 1-4" dia. C.I. long flanged socket (30") (fig.529 p.366)
19. 1-4" dia. C.I. flanged tee
20. 1-4" dia. C.I. 90° flanged elbow
21. 1-4" dia. C.I. 90° long radius flanged elbow
22. 1-4" dia. C.I. flange and spigot piece (18") (fig.530C  
page 366)

Manhole No. 6 (3 cu. yds.)

23. 16 sacks cement (1-2½-5) mix
24. 530' ½" R.R.
25. 1-2' dia. manhole frame and cover

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Septic Tank Fittings

- 26. 1-4" dia. C.I. long flanged socket (30") (fig.529 p. 366)
- 27. 2-12' length 4" dia. C.I. flanged pipe
- 28. 3-4" dia. 90° C.I. flanged elbows
- 29. 1-4" dia. C.I. flanged tee.
- 30. 1-4" dia. C.I. flange and spigot piece (18") fig.530C  
page 366)

Note: Items Nos. 18 and 26 sockets to take 4" vitrified pipe.

Summary of Material

Vitrified Pipe

265 lin. ft. 6" dia.  
760 lin. ft. 4" dia.

Cast Iron Pipe (flanged)

2 - 12' lengths 4" dia.

Cast Iron Fittings

- 2 - 4" dia. C.I. long flanged sockets (30") (fig.529<sup>\*</sup>  
page 366.)
- 2 - 4" dia. C.I. flanged tees
- 4 - 4" dia. C.I. 90° flanged elbows
- 1 - 4" dia. C.I. 90° long radius flanged elbow
- 2 - 4" dia. C.I. flange & spigot piece (18") (fig.530C  
page 366.)
- 6 - 2' dia. C.I. manhole frames and covers.

Cement

112 sacks

Re-inforcing steel

4150 lin. ft.  $\frac{1}{2}$ " dia. R.2.  
= 2768 lbs.

\* Sockets for vitrified pipe (4" dia.)

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Estimate of Cost

265' 6" vit. pipe	\$ 82.15
760' 4" vit. pipe	167.20
24' 4" C.I. pipe flanged	18.00
2 - 4" C.I. long flanged sockets	9.00
2 - 4" C.I. flanged tees	14.00
4 - 4" C.I. 90° elbows	14.00
1 - 4" C.I. 90° L.R. elbow	7.40
2 - 4" C.I. flange & spigot pieces	8.50
6 - 2' dia. C.I. manhole frames and covers	78.72

112 sacks Cement	\$109.20
2768 lbs. $\frac{1}{2}$ " R. steel	91.34
Extra fittings and materials	<u>60.00</u>

Total cost of Materials & Fittings \$659.51

Freight on material	145.00
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Cartage @ \$2.00 per ton	32.00
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Labour

Excavating 1025' trench @ 20¢	205.00
Laying 109' of 6" and 916' of 4" sewer pipe	65.00
Excavation for 6 manholes, average 8' deep	132.00
Labour building 6 manholes	204.00
Fitting C.I. pipes, making connections.etc.	45.00
Backfilling & extra labour	50.00
Hauling sand & gravel 30 yds. @ \$2.00	<u>60.00</u>

Total Cost	<u><u>\$1597.51</u></u>
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" C O P Y "

Lytton, B.C.,  
October 9, 1927.

Sir,

I am enclosing herewith estimate of cost and plan showing alterations necessary to the sewage disposal system for the new Lytton Industrial School owing to the decision of the department of Indian Affairs to provide separate drainage for the laundry and kitchen water and to the method adopted by the contractor in bringing out the sewer pipes. Before these sewer pipes were installed I personally visited the new building and during an examination of the site with the contractor's representative in charge of the plumbing, pointed out that outlet E shown on the accompanying plan was the proper point for the main sewer to leave the building. With this suggestion the contractor's representative at the time agreed. He did not, however, follow out this suggestion and presumably to save cost, carried the sewer pipes in 3 separate outlets A, B, and C via the shortest route, see plan.

This method as you will see from the plan will make it necessary to install manholes at each bend, as when the grading is completed, these pipes will be buried to a depth of from 8 to 10 feet in loose unstable soil and should any stoppage occur as is very probable where right angle bends have to be used it would be impossible to remove same without great expense.

The specifications did not state at what point the sewer should leave the building neither did they state whether the sewage should be brought out in 1, 2 or 3 outlets and the contractor is therefore technically speaking, working within his rights.

The sewer pipes inside the building have all been installed and most of the concrete floors laid. For this reason nothing would be gained by trying to alter the interior piping now and the only thing that can be done is to alter the proposed disposal system in the manner shown on the accompanying plan and as outlined by me during my recent conversation with you.

In view of the fact that the major portions of these alterations, i.e., those referring to the laundry and kitchen water, have already been authorized by wire from Ottawa, I presume I may carry on the whole project simultaneously and make arrangement to install the extra manholes and sewer connections immediately as there is no alternative but to put them in and any delay at this time is very inconvenient.

You will also probably remember that the specifications call for a concrete tank for rainwater to be provided by the department but up to date we have received no instructions to install same. Is it the intention of the department that we shall install this tank or will they construct it separately. It would seem to me that we are the logical people to undertake this work.

The accompanying list is an exact statement of the extra material and fittings required and I shall be obliged if

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you will kindly rush this material to me via C.N.R. at the earliest possible moment. Before placing the order, however, will you kindly delete from the summary the following:

"6 - 2' dia. C. I. Manhole Frames & Covers"

as these were ordered on the original list of fittings.

Your obedient servant,

(Sgd.) E.H. Tredcroft,  
Division Engineer.

C.E. Webb, Esq.,  
Dist. Chief Engineer,  
Vancouver, B.C.

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