

24179 OFFICE OF INDIAN AFFAIRS
Rec'd AUG 7 1890

Indian Indl School

Charles Sanders

58 1/2
Capt. N. R. Ralt.
5364
27/11/89
DEPT. OF THE INTERIOR
RECEIVED
AUG 12 1890

Supr.

Aug. 6. '90.

Forwarding plan, estimate
and specifications of proposed
storehouse.

4 inc

Trans. to Ft. Aug. 11/90

Held until bill passed
Aug. 13/90

To Secty. with letter Aug. 18/90

To Secty. with letter Aug. 26/90

Letter to Pratt Aug. 29/90

AUTHORITY,

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AUG 25 1890

AUTHORITY,

24090

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AUG 28 1890

Very respectfully,
Your obedient servant,
I have the honor to re-

Chas. Sanders
Capt. & Supr.

INDIAN INDUSTRIAL SCHOOL
CARLISLE, PA.

August 6th, 1890.

To the
Commissioner of Indian Affairs,
Washington, D.C.

Sir:

In connection with my letter of July 30th in reference to store-house for the School and complying with your letter dated August 2, in answer thereto, I have the honor to respectfully forward herewith the plan of the building with specifications and estimates for the same.

Very respectfully,

Your obedient servant,

R. H. Pratt

Capt. & Supt.

Specifications

INDIAN C	1890.
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Specifications for the erection and
completion of a Brick Building to be
used as a Storehouse at the Indian
Industrial School, Carlisle Barracks, Pa.

The size of the building will be 100×30 ft.
two stories high of 11 and 10 ft respectively
in the clear, with basement 7 ft 6 in
clear under the whole.

Excavating Excavating will be done by School labor.

Masonry The stone foundation walls to be 30" thick,
built of limestone quarried on the premises,
to be well laid in good mortar composed of
fresh lime and river sand, all outside
wall to be neatly pointed at completion
with cement and hair mortar, inside to be
plastered with a thin coat of the same
material. The floor of cellar to be finished
with 6" of broken stone and grouted with
cement.

Brickwork The walls to be 18" thick to the top of
joists of 2nd floor, then 13" wall to the
squares with gables of the same thickness.
None but hard brick to be used on the
outside, all brick to be laid in mortar
composed of good lime and sharp sand.

2111
The walls are to be laid to a line on both sides and neatly struck within and without, with flue built in the wall as marked on the plan.

Piers

Eleven brick piers to be built in basement 21" square, 8 ft high.

Joists

To be of best quality Hemlock Lumber 3" x 12" 16 ft long, laid 6" apart center to center with four rows of bridging to each floor, bridging to be 1" x 3" pine.

Girders

Two girders 12 x 12 to be laid the whole length of the building. The girders to be made of 3" x 12" joists 16 ft long firmly spiked together.

Posts

Thirteen Hemlock posts 12" x 12", 12 ft long with oak caps set on the top of posts, to be used to support girders for second floor joists - the posts to be dressed and cornered.

Roof Timbers

Truss Braces to be of best Hemlock 2" x 12" x 34 ft long, 50 in number.

Rafters to be of best Hemlock 2" x 6" x 20 ft, placed 2 ft apart, 100 truss braces 2" x 8" x 20 ft, placed according to drawing.

Plates

Plates to be of 3" x 8" Hemlock laid in mortar and bolted down to wall with 5/8" bolts 2 1/2 ft long.

Sheathing

Rafters to be covered with good white pine, sheathing securely nailed to

each rafter.

Coruice A coruice to extend out 18" with fascia and 1 1/2" moulding.

Hip The roof to have a hipped gable, falling back 3 ft from the square.

Floor To be of 1 1/4" No 2, North Carolina Pine layed with 9^d nails.

Cellar Grates 10 cellar grates and frames to be placed as shown on plans. Grates to be 2 ft 8 1/2" x 2 ft 7"

Frames Two cellar door frames to be placed as shown in the plan. 7 ft 4" x 5 ft, fitted with double doors. The frames to be made of 2" oak plank with 3" sill and battened doors. The cellar needs to be supplied with suitable steps and outside frames and doors.

Outside Doors Two double doors and frames to be placed in outside wall as shown - frames to be of 2" pine plank with 2" paneled doors as shown on drawing, doors to be hung on pulleys and to be 8 ft 6" wide by 10 ft high.

One outside door frame as above with paneled door 3 ft 6" x 7 ft 5" with 12" transom hung on hinges.

Platforms Platforms to extend four feet from the building the width of each double door - with substantial steps to each of three doors.

- 2811
- Windows
Frames Twenty nine windows to be placed as shown on plans, to suit glass 11×17 - 12 lights with plank frames and springs. Windows to have 4 x 6 sill and $5\frac{1}{2}$ " lintel.
- Wire Netting All windows to be covered with wire netting of such mesh as may be determined, made of No. 16 or 18 wire.
- Shutters All windows to be fitted with $1\frac{1}{2}$ " brad and butt shutters with approved fastenings.
- Office All office 10×10 to be partitioned off in the S. E. Corner of lower story.
- Stairs A stairway 3 ft 6" wide to be built where directed between the 1st and 2nd floors.
- Elevator An opening in 1st and 2nd floors 6 ft square to be framed and fitted with drop doors.
- Roofing Tin The roof to be covered with i. c. charcoal plate of good quality, and conform to the roofs on other buildings in laying and painting.
- Spouting This building to be fitted with 6" spouting, hung as on other buildings, with 14 down spouts 4" in diameter, all to be painted.
- Painting All wood work to have three coats of paint made of best weatherill white lead.
- Hardware All windows and doors to be supplied with the usual and necessary hardware.

of good quality.

4179 INDIAN OFFICE. 1890.
Inclos No. 2

Estimate

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8048

Estimate of cost of Brick Building 100 ft x 30 ft,
2 stories high. 1st story 11 ft. in clear, 2nd story 10 ft.
Basement 7 ft. 6" in clear, with floor grouted and
cemented, viz:-

<u>Excavating</u>	To be done by school labor	
<u>Stone</u>	100 purch in addition to amount on hand @ 25¢	25.00
<u>Laying Stone</u>	For laying 180 purch of stone @ 85¢	153.00
<u>Brick</u>	For 165,000 Brick @ 6 7/8¢ per M	1113.75
	For laying 165,000 brick in wall striking on both sides @ 3 1/2¢ per M.	618.75
<u>Sand</u>	For 400 bu. River Sand @ 7¢	28.00
"	" 1400 " Yellow " @ 5¢	70.00
<u>Lime</u>	For 1600 bu Lime @ 13¢	208.00
<u>Cellar Grates</u>	For 10 Cellar grates 600 Lbs @ 3¢	18.00
<u>Window Frames</u>	For 29 Windows 3' x 7' @ 5.00	145.00
<u>Shutters</u>	For 29 Windows @ 2.50	72.50
<u>Glass</u>	10 boxes Glass 11" x 17" B quality @ 2.20	22.00
<u>Lime</u>	10 boxes Lime 14" x 28" @ 10.00	105.00
<u>Sheathing</u>	5000 ft sheathing boards @ 20.00	100.00
<u>Flooring</u>	7500 ft Yellow Pine @ 28.00	210.00
<u>Lumber</u>	15,544 ft Hemlock Lumber @ 13.50	209.84
	1728 ft. " " " @ 15.00	25.92
	5100 " " " @ 18.00	91.80
<u>Bridging</u>	3200 ft. Linal (Pine) @ 60¢ per ft.	19.20
<u>Cement</u>	30 Bbls Cement @ 1.75	52.50
<u>Paint</u>	500 Lbs White Lead @ 7.25 per lb.	36.25
	50 gal Linseed Oil @ 62 1/2¢	31.25
	Carried Forward	\$ 3355.76

Brotford

\$3355.76

Carpenter Work For Carpenter labor

350.00

" 2 sets of Pulleys & track for doors

(Pulleys 90° for pair. Track 50 ft @ 7¢) 5.30

715 Lb ft wire netting @ 12¢ 85.80

Roof Paint 200 Lb Roofing Paint @ 2 1/2¢ 5.00

Nails 1000 Lb Nails 25.00

Miscellaneous Hardware 25.00

~~\$3851.86~~

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INDIAN O. F. L. L.

1890.

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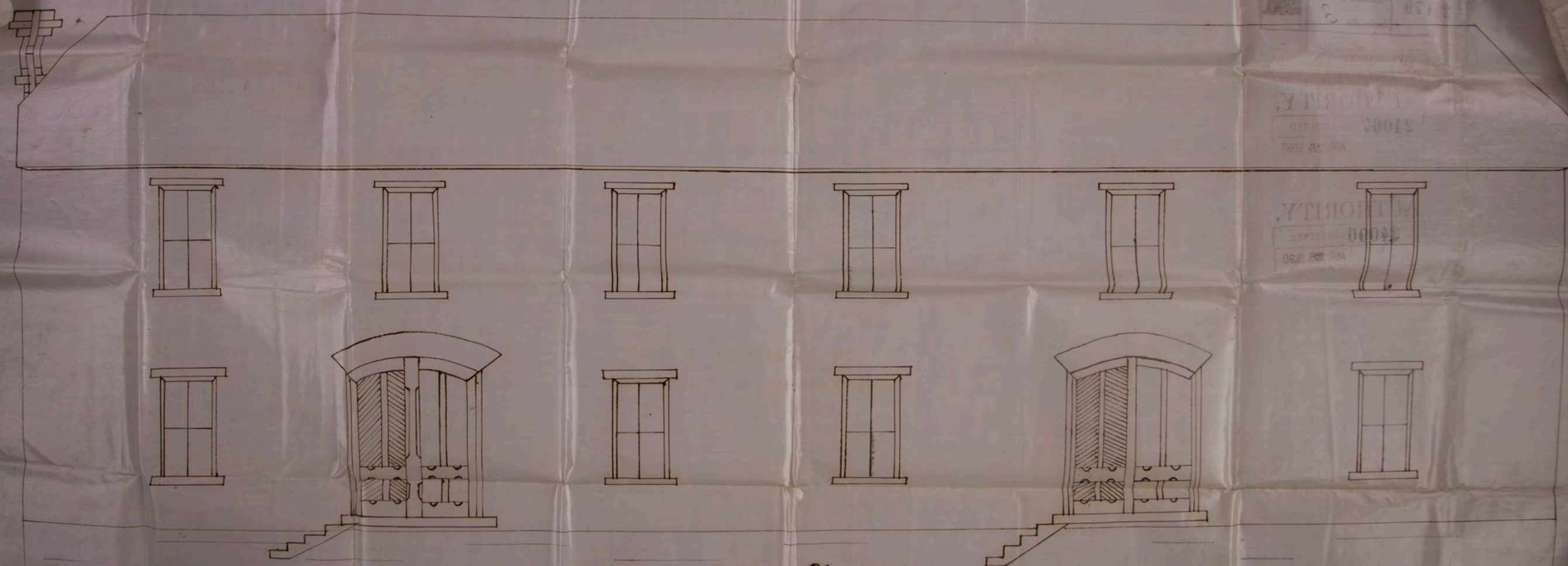
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30 +



Front

Storehouse Indian School.
Carlisle Barracks, Pa.

100' x 30'

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INDIAN OFFICE.

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Cedar Creek



30.

100'

Cellar Grate.

2' 8" x 2' 7"

Abutments 8' x 22"

Basement.

Cellar =
Deck.

Cellar Deck
8' x 7'

Storehouse, Indian School,
Carlisle Barracks, Pa.