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N. P. RY. CO.

OFFI OF	Chief Engineer	
	5000	
	FILE NO.	de

SUBJECT:

auburn, wash.

Cotton storage

Mr. George T. Slade,

First Vice President.

Dear Sir:-

Your letter of November 20th requesting estimated cost of cotton storage warehouses was delivered in my office December 3rd and was the first information I had that you wanted these figures.

locations south of the ice house and north of the Trager overhead bridge at Auburn. He advises that they think these locations are the best available. I am attaching #677-29 print of the station plat on which we have indicated in red a proposed location and trackage arrangement for ten houses 50 x 270° each. Each house will hold 2500 bales of cotton, or 50 cars loaded with 50 bales each, which we understand has heretofore been the standard load. Figuring on 500 bbs. of cotton to a bale at 15% per lb. the value of the contents of one of these houses when full would be \$187500.00, which it seems to me is about all we should put in one house account of fire risk.

To get fire protection it will be necessary to run a 6 inch pipe line from the main near the water tank past the entire string of houses, a distance of nearly one mile.

We have figured the cheapest possible construction for the houses, single plank floor on blocking to level of

car floor, drop siding, and 3-ply tarred paper roof, sliding doors on 45 ft. centers. On this basis the approximate estimated cost of the construction is as follows:

10 houses at \$5350.00 each
Fire protection,
8000 ft. of trackage
8 turnouts,

\$53500.00 6000.00 16480.00 1650.00 \$77630.00

Total --

The above estimated cost of the buildings is practically 40¢ per square foot.

Mr. Perkins wires me that Mr. E. J. Rounds of Seattle offers to put up the buildings on the basis of 35% per square foot on a plan of his own making calling for houses 40' x 800'. The smaller size buildings which it would be necessary to build would cost 2 or 3 cents more per square foot, or 38% per square foot against our estimate of 40%.

It is probable that the plan proposed by Mr. Rounds would require some modifications to meet the requirements, and I think our estimate is as low as it would be safe to use in considering this proposition.

Yours truly.

encl



Telegram—Be Brief

Time Filed

M

176 byf

Tacoma Dec 4-17

H E Stevens

StPaul

Browsing Cotton bales 2 ft by 3 ft by 5 ft weigh five to six hundred pounds fifty to fifty five bales per car generally loaded in car on end one tier high and piled in warehouse to height of eight or nine feet either four or five flat or one tier on end and two flat Was also figuring here on cost five hundred cars storage in same locations you mention Figured on building in units 300 by 40 ft holding 45 cars each separation account fire risk Presume you understand have to arrange to keep each car separate so that any car can be loaded out as called for Can Construct buildings about 35 cents per square foot not including tracks Grading fire protection or Electric wiring Approximate cost 500 cars storage including above items sixty thousand dollars Have offer from Rounds to put up buildings at 35 cents per square foot on plan he submitted which should be satisfactory except he figured on buildings 800 by 40 ft Smaller size building probably cost about two cents per square ft more Think Auburn best location as destination may be Seattle or Tacoma

215 pm 300 + 40 + 35 4 = 4200 N 1 L M Perkins
500 Cars 2 93.33 = 46666





Telegram—Be Brief

Time Filed

M.

St. Paul, December 4, 1917. HES-0

L. M. Perkins

Tacoma, Wash.

What is size and weight of bale of cotton How many bales in a car and how many bales high can they pile cotton in a car and also in warehouse. Am making rough approximate estimate of cost of 500 car warehouse in two units Consider putting one of these just south of Auburn ice house and the other just north of Trager bridge. Have you or Mr Blanchard any better locations to suggest in either Auburn or Seattle

H. E. Stevens.

St. Paul, November 20, 1917.

Mr. H. E. Stevens:

will you please ask Mr. Cook to confer with Mr. Blanchard and have them together submit a rough estimate of the cost of building on property which we already own, either at Auburn or in the vicinity of Seattle, a warehouse of the cheapest possible construction consistent with serving the purpose for which it is built, of a size sufficient to accommodate 500 carloads of cotton?

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, stud, plates and braces.						
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Siding 14000 FBm 11=3 clean slab 1000 mot 2400	140	00	336	00	476	
Eliding dons and frame's	1.8	00	72	00	90	00
Hardwan and nails			250	00	250	00
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Pariting 1450 sq. 73. Tolab 124, mat 66	174	00	87	00	261	00
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