



N. P. 1363
6-24

NORTHERN PACIFIC RAILWAY COMPANY AUTHORITY FOR EXPENDITURE

1929
DUPLICATE COPY

SUPERINTENDENT'S NO.
BB No. 121

DEPT. NO.
ENGINEERING DEPT. NO. 14

YEAR 1929

A. F. E. NO. 350

Dakota Div. Main Line

DISTRICT STATE N. Dakota VAL SEC. No. 1
BRANCH

AUTHORITY IS REQUESTED FOR A NET EXPENDITURE OF \$ 32,074

Accounting distribution as follows: (Distribution to be made in General Office.)

Cost of property retired	Operating Expenses	Profit and Loss	Net Operating Expenses	Net Profit and Loss
\$	5360	\$	5360	
Value of salvage			2998	
Incidental costs				
Total to Operating Expenses				
Total to Profit and Loss				

To Material and Supplies 8358

To Bills for Collection

To Other Accounts

Net charge to investment account—Additions and Betterments

Total of distribution 23716

Original Cost Adjustment
Made in 12-2-23
J. H. ...
Amended 1-9-32

Budget reference: 1929 Budget Item 521

Joint facility contract reference: Not Joint

Class of Work: No. 23

The location is on this company's property. To secure rights, it will be necessary nothing

Location: Jamestown
Title: Resetting Stationary Power Plant Boilers and Replacing Stokers

Reason: The stationary boiler settings in the power plant at Jamestown have reached the stage of disintegration that makes rebuilding necessary. The boilers as originally installed were equipped with Jones' underfeed stokers which, due to their age, became so unsatisfactory that for the past several years, hand firing has been used. Approximately 10,000 tons of coal are burned per year and it is desired that in rebuilding the settings to raise them about 2 1/2 ft., install soot blowers, boiler meters, draft gauges, etc., and replace the stokers. During the past two or three years such boiler plants as have required rebuilding have had the features of raised settings etc., incorporated and the results clearly indicate a saving at Jamestown of \$4500. From replacing the stokers, increased economy over hand firing will result in a further saving of about \$3000. The Mechanical Department last year made tests at Mississippi Street with Rosebud coal, hand and stoker fired that furnished data for this figure. The total saving of \$6500 is 38% on \$17,000, the approximate increased cost over replacement in kind, a return on the investment that makes its desirability self-evident. Authority is requested for the necessary expenditure.

Engineering Department

Accounting to concentrate in the office of Engineering Division Accountant

Signature and Title: *Lowell Mill* Office Engineer

APPROVED: *D. J. Coyle*, Supt.

W. H. ... General Superintendent

J. ... Asst. Chief Engr. or Engr. Maint. of Way

P. ... Chief Engineer

W. ... General Manager

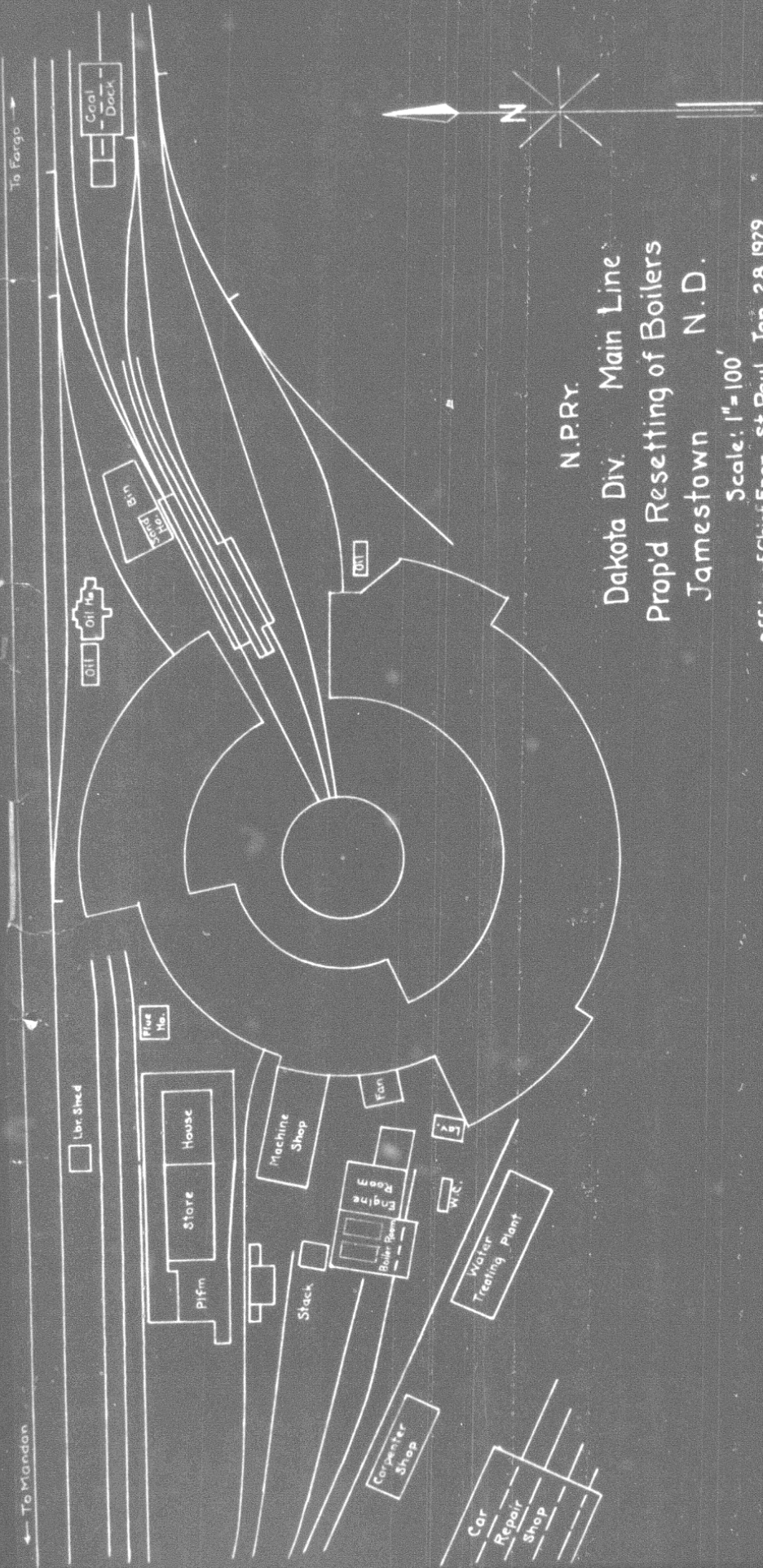
W. ... For Comptroller

Charles ... President

Date of Final Approval: Jan. 29th 1929

COMPTROLLER'S RECORD OF NOTICE OF APPROVAL AND OF COMPLETION

Work begun _____ Work finished 20/30



N.P.R.Y.
 Dakota Div. Main Line
 Prop'd Resetting of Boilers
 Jamestown N. D.
 Scale: 1"=100'
 Office of Chief Engr. St. Paul, Jan. 28. 1929
 Proposed new work shown thus:
 Valuation Section North Dakota I.

Note: Detail plans will be furnished upon approval of the R.F.A.