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CHAS. C. MOORE & CO. ENGINEERS

INCORPORATED

DESIGN AND
CONSTRUCTION OF
COMPLETE PLANTS
POWER LIGHTING
MINING
PUMPING

PACIFIC COAST BRANCH
THE BABCOCK & WILCOX COMPANY
CHAS. C. MOORE, MANAGER
MANUFACTURERS OF
WATER TUBE STEAM BOILERS

SEATTLE

MAIN OFFICE
SHELDON BUILDING
FIRST STREET, CORNER MARKET
SAN FRANCISCO

BRANCH OFFICES
LOS ANGELES, 804 CENTRAL BUILDING
SEATTLE, L. C. SMITH BUILDING
SALT LAKE, 705-706 KEARNS BUILDING
NEW YORK, HUDSON TERMINAL BUILDING
TUCSON, 21 SOUTH STONE AVENUE
VANCOUVER, B.C. STANDARD BANK BLDG.
HONOLULU, T. H

ADDRESS ALL CORRESPONDENCE TO THE COMPANY
REGISTERED CABLE ADDRESS "CHASMORE"
IN REPLY PLEASE STATE FOR ATTENTION OF

May 11, 1923.

Craig Mountain Lumber Company,
Winchester, Idaho.

Gentlemen:

Attention Mr. E. H. Van Ostrand

We enclose herewith two copies each of the following drawings:

HD-24458-0	Front
HD-24459-0	Sectional side
HD-24460-0	Plan
HD-24461-0	Foundation

These drawings show the resetting of your present boilers in accordance with a design which would give you better combustion results and would give you an extension furnace of the same length as that proposed for the new boiler. You will note the combustion space that would be provided in back of the bridge wall.

These two copies of drawings are for retention in your files. We would like to have your comments regarding them. You will note that they have shown cast iron liners to fit in your tile liners for the purpose of protection of top of same, these liners being as originally furnished. These drawings also show suitable dampers for control of secondary air admitted through bridge wall and gauge plate for insertion in bridge wall.

CHAS. C. M[illegible]RE & [illegible] ENGINEERS Nº 2 DATE 5-11-23 TO Craig Mt.

We are also sending you enclosed herewith two copies each of the following drawings:

HD-24571-0	Front
HD-24572-0	Sectional Side
HD-24573-0	Plan
HD-24574-0	Foundation

Referring to Drawing No. 24572, in order to keep the top of the ovens at the same elevation and at the same time lower the grates to approximately your present floor line, you will note that the oven extension on the new boiler would be 9 ft. 2 in. in height. These means the necessity of building up walls and also building up the feed hole liners. We are not certain whether you wish to have the boiler installed in this manner or whether it would be satisfactory to you to have a foot difference in height of the two sets of ovens. We would like to have your ideas on this subject.

You will note, in accordance with our conversation, the floor line of boiler room is depressed 18 inches below the floor line in present boilers in order to give the longer gas travel and lower entry of the gases in tubes and at the same time secure suitable combustion space. You will also note that they have shown the boiler wall 1 inch from building wall with the building wall cut out to receive the steam drum heads. We would like to know in connection with the piping which we are getting out for you as to whether you would prefer to have more space between the building wall and the boiler wall.

We would like to have you carefully look over these drawings and approve and return to us one set of same with any comments that you care to make regarding changes in plans.

CHAS. C. MOORE & ENGINEERS Nº 3 DATE 5-11-23 TO Craig Mt.

We contemplate lining combustion space below floor line with old fire brick so as to save the concrete in preparation of foundations. This is shown on Drawing 24572. As soon as we know definite shipping date on boiler we will arrange to start dismantling your present boilers in preparation of foundations, and are assuming that you will have available at the plant sufficient sand, gravel and cement for preparation of foundations.

Very truly yours,

CHAS. C. MOORE & CO. ENGINEERS
SEATTLE OFFICE.

By H. W. Beecher
Manager.

HWB:HK
Enc.